1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier
Product Code  L113  BLACK SLC NEW HI CONC

Recommended use of the chemical and restrictions on use
Synonyms  N/A

Supplier's details
Recommended use  Industrial Use Only.
Uses advised against  No information available

Details of the Supplier of the Safety Data Sheet
Dharma Trading Co.
1805 S. McDowell Blvd. Ext.
Petaluma, CA 94954
Tel: 707-293-0390

Emergency Telephone Number
USA: 1-800-255-3924
China: (400-1)-400-120-0751
Other: Collect 1-813-248-0585

2. Hazards Identification

Classification
Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

signal word
Not Hazardous

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance  blackish  Physical State  Powder  Odor  No information available

precautionary statements
P281 - Use personal protective equipment as required
P262 - Do not get in eyes, on skin, or on clothing
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P264 - Wash face, hands and any exposed skin thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P501 - Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION
Unknown Acute Toxicity
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. Composition/information on Ingredients
4. First aid measures

First aid measures for different exposure routes

**Eye Contact**
Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin Contact**
Wash skin with soap and water.

**INHALATION**
Move to fresh air.

**INGESTION**
Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms/effects, acute and delayed**

**Main Symptoms**
No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician**
Treat symptomatically.

5. Fire-fighting measures

**Suitable extinguishing media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**
Keep away from heat and sources of ignition.

**Specific Hazards Arising from the Chemical**
No information available.

**Explosion Data**

- **Sensitivity to Mechanical Impact**: None.
- **Sensitivity to Static Discharge**: Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**Protective Equipment and Precautions for Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**
Avoid contact with the skin and the eyes. Use personal protective equipment. For personal protection see section 8. Ensure adequate ventilation.

**Environmental Precautions**

**Environmental Precautions**
Prevent further leakage or spillage if safe to do so.

**Methods and materials for containment and cleaning up**

**Methods for containment**
Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up**
Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

7. Handling and Storage
Precautions for Safe Handling

Advice on safe handling
Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions
Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products
None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelines
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures
Showers
Eyewash stations
Ventilation systems. Apply technical measures to comply with the occupational exposure limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection
Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye protection.

Skin and Body Protection
Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory Protection
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product. Wear personal protective equipment.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State
Powder

appearance
blackish

donor threshold
No information available

Odor
No information available

Property VALUES Remarks • Method
pH
No information available

PAGE 3 / 7
10. Stability and Reactivity

Reactivity
no data available

Chemical Stability
Stable under recommended storage conditions.

Hazardous Reactions
None under normal processing

Conditions to avoid
Extremes of temperature and direct sunlight.

incompatible materials
None known based on information supplied.

Hazardous decomposition products
May emit noxious fumes under fire conditions.

11. Toxicological Information

Information on Likely Routes of Exposure

Product information
Product does not present an acute toxicity hazard based on known or supplied information

INHALATION
Avoid breathing vapors or mists.

Eye Contact
Avoid contact with eyes.

Skin Contact
Avoid contact with skin.

INGESTION
Not an expected route of exposure. Do NOT taste or swallow.
Information on Toxicological Effects

Symptoms
No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization
No information available.

Germ cell mutagenicity
No information available.

carcinogenicity
No information available.

Reproductive Toxicity
No information available.

Specific target organ systemic toxicity (single exposure)
No information available.

Specific target organ systemic toxicity (repeated exposure)
No information available.

Aspiration Hazard
No information available.

Numerical Measures of Toxicity - Product information

Unknown Acute Toxicity
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

12. Ecological Information

etoxicity
100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability
No information available.

Bioaccumulation
No information available.

Other Adverse Effects
No information available

13. Disposal Considerations

Waste treatment

Waste Disposal Methods
Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated Packaging
Do not re-use empty containers. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT
Description
NOT REGULATED

MEX

IATA
Description
NOT REGULATED

IMDG
15. Regulatory Information

**International Inventories**

<table>
<thead>
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<tr>
<td>DSL</td>
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<tr>
<td>NDSL</td>
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<tr>
<td>PICCS</td>
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<tr>
<td>KECL</td>
<td>Not Determined</td>
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<tr>
<td>NZIoC</td>
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</table>

**Legend**

- **TSCA**: United States Toxic Substances Control Act Section 8(b) Inventory
- **EINECS/ELINCS**: European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
- **DSL/NDSL**: Canadian Domestic Substances List/Non-Domestic Substances List
- **PICCS**: Philippines Inventory of Chemicals and Chemical Substances
- **ENCS**: Japan Existing and New Chemical Substances
- **IECSC**: China Inventory of Existing Chemical Substances
- **AICS**: Australian Inventory of Chemical Substances
- **KECL**: Korean Existing and Evaluated Chemical Substances
- **NZIoC**: New Zealand Inventory of Chemicals

**REACH registration number**

Keystone has taken all relative steps to ensure REACH-Compliance. Please contact us with any REACH-Related questions at REACH@Keystone-Europe.CO.UK

**RESTRICTIONS - REACH TITLE VIII**

No information available

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Status</th>
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<tbody>
<tr>
<td>Acute health hazard</td>
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<tr>
<td>Chronic health hazard</td>
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</tr>
<tr>
<td>Fire hazard</td>
<td>NO.</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>NO.</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>NO.</td>
</tr>
</tbody>
</table>

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).
CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

International regulations

CANADA

WHMIS Note
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
Non-controlled

HMIS

<table>
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<tr>
<th></th>
<th>Health Hazard</th>
<th>flammability</th>
<th>Physical hazard</th>
<th>PERSONAL PROTECTION</th>
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<td>1</td>
<td>0</td>
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16. Other Information

Revision Date
27-Apr-2015

Revision note
No information available.

Restrictions on use
No information available.

Contact Information Website
WWW.DHARMATRADING.COM

Disclaimer
The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Material Safety Data Sheet
**SAFETY DATA SHEET**

**SECTION 1: PRODUCT IDENTIFICATION**

PRODUCT NAME---------- REACTIVE BLUE 109/AJI

Supplier : Dharma Trading Co.
1805 S. McDowell Blvd. Ext.
Petaluma, CA 94954
Tel: 707-293-0390
Fax : 707-283-0379
Email : service@dharmatrading.com

Emergency number: (800) 424-9300

**SECTION 2: HAZARD IDENTIFICATION**

Classification:

Skin corrosion/irritation-------------------Category 2
Serious eye damage /eye irritation-------Category 2

**EMERGENCY OVERVIEW**

**signal word**

**WARNING**

**Hazard statements**: H315 – Causes skin irritation
H319 - Causes serious eye irritation

**Appearance** powder  **Physical State** Powder  **Odor** None

**Precautionary statements**

P310 – Immediately call a POISON CENTER or doctor/physician
P302+ P352 – IF ON SKIN: Wash with plenty of soap and water
P321- Specific treatment (see supplemental first aid instructions on this label)
P332+ P313 –if skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 +P313 – If eye irritation persists: Get medical advice/attention

**Hazards Not Otherwise Classified (HNOC)**

**OTHER INFORMATION**

**Unknown Acute Toxicity**
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**
CHEMICAL NAME: Reactive Blue 109  
C. A. S. #: 61951-76-6

SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

**EYES:** FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

**SKIN:** WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR, GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

**INHALATION:** REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

**INGESTION:** RINSE MOUTH. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE------ KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

FIRE FIGHTING PROCEDURE----- DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.

FIRE FIGHTING EQUIPMENT---- USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

STEPS TO BE TAKEN---- DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIALS AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SCRUB SPILL AREA WITH DETERGENT, FLUSH WITH COPIOUS AMOUNT OF WATER.

WASTE DISPOSAL METHOD----- BURY OR INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINER REUSE METHOD----- CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY---- NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN------ ALWAYS WEAR IMPERVIOUS GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.

EYES---- WEAR SIDE-SHIELD SAFETY GLASSES.
VENTILATION---- LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
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<th>Property</th>
<th>Value</th>
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<tr>
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<tr>
<td>Odor</td>
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<td>Vapor density</td>
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<tr>
<td>Appearance</td>
<td>Powder</td>
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<tr>
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<tr>
<td>Specific gravity</td>
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<tr>
<td>Ph of product</td>
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<td>Boiling point</td>
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<tr>
<td>Flammable limits</td>
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</table>

SECTION 10: STABILITY AND REACTIVITY

STABILITY------- STABLE UNDER NORMAL CONDITIONS
CONDITIONS TO AVOID----- NONE KNOWN
INCOMPATIBLE MATERIALS-----UNKNOWN
HAZARDOUS DECOMPOSITION PRODUCTS---BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN, AND OTHER POTENTIALLY TOXIC FUMES.
HAZARDOUS POLYMERIZATION----- WILL NOT UNDERGO POLYMERIZATION.
CONDITIONS TO AVOID---NONE KNOWN

SECTION 11: TOXICOLOGICAL INFORMATION

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<th>Test</th>
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<td>Supplemental test data</td>
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SECTION 12: ECOLOGICAL DATA

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<tr>
<td>COD</td>
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<tr>
<td>Aquatic toxicity</td>
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<tr>
<td>Biodegradability</td>
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<tr>
<td>Persistence</td>
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<td>Sewage treatment</td>
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<tr>
<td>Supplemetal test data</td>
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</table>

Ecotoxicity
0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Toxicity to Algae   no data available
Toxicity to Fish    no data available
Toxicity to daphnia and other aquatic invertebrates

Persistence and Degradability   No information available.
Bioaccumulation               No information available.
Other Adverse Effects          No information available.
SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

SECTION 14: SHIPPING AND TRANSPORTATION INFORMATION

DOT REGULATION (GROUND)—NOT REGULATED
IATA REGULATION (AIR)—NOT REGULATED
IMDG/IMO REGULATION (WATER)—NOT REGULATED

DOT HAZARD CLASS——NON-HAZARDOUS
DOT CLASSIFICATION——NON-HAZARDOUS MATERIAL
COMMODITY CLASS——INK MATERIAL

SECTION 15: REGULATORY INFORMATION

REGULATORY LIST REFERENCE:

NOTE: WHEN NO COMPONENTS ARE SHOWN IN SPACE ABOVE THIS NOTE, NO FEDERAL OR STATE REPORTING REQUIREMENTS APPLY TO THIS PRODUCT. WHEN COMPONENTS ARE LISTED ABOVE, LIST NUMBERS SHOWN BELOW INDICATE APPLICABLE REGULATIONS.

LIST NUMBERS
1 ACCIDENTAL RELEASE SUBSTANCE
2 CERCLA 304 HAZARDOUS SUBSTANCE(RQ)
3 RESERVED
4 CLEAN AIR ACT-SEC.111 VOLATILE ORGANIC COMPOUNDS
5 CLEAN AIR ACT-SEC.112 HAZ. AIR POLLUTANT (HAP,HAP CODE)
6 CLEAN AIR ACT-OZONE DEPLETING CHEMICAL(ODC)
7 CLEAN WATER ACT-RQ
8 CLEAN WATER ACT-PRIORITY POLLUTANT(PP)RQ
9 MARINE POLLUTANT (MP)
10 PSM HIGHLY HAZARDOUS CHEMICAL
11 RCRA HAZARDOUS WASTE (RCRA CODE)
12 SARA 302 EXTREMELY HAZARDOUS SUBSTANCE (EHS)(RQ)
13 SARA 313 TOXIC RELEASE INVENTORY (TRI)(TR CONC, TR THRESHOLD)
14 SOCMI CHEMICAL (CAA)
15 STATE LISTS
CA-CALIFORNIA PROPOSITION 65, DE-DELAWARE, ID-IDAHO, ME-MAINE, MA-MASSACHUSETTS, MI-MICHIGAN,
SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE/ACUTE HEALTH HAZARD: NO
CHRONIC/ DELAYED HAZARD: NO
FLAMMABLE: NO
REACTIVITY HAZARD: NO
OXIDIZER: NO

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

SECTION 16: OTHER INFORMATION

LAST REVISION DATE. 07/01/2015

HMIS RATINGS: HEALTH: 1 Flammability: 1 Physical Hazard: 0 PERSONAL PROTECTION: F

DISCLAIMER:

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN. THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 AND SUPERSEDES ANY PREVIOUS INFORMATION. PREVIOUSLY DATED SHEETS ARE INVALID AND INAPPLICABLE.

END OF MSDS.
SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME--------- REACTIVE BLUE 140

Supplier : Dharma Trading Co.
1805 S. McDowell Blvd. Ext.
Petaluma, CA 94954
Tel: 707-293-0390
Fax : 707-283-0379
Email : service@dharmatrading.com

Emergency number: (800) 424-9300

SECTION 2: HAZARD IDENTIFICATION

Classification:

Skin corrosion/irritation-------------------Category 2
Serious eye damage /eye irritation-------Category 2

EMERGENCY OVERVIEW

signal word
WARNING

Hazard statements : H315 – Causes skin irritation
H319 - Causes serious eye irritation

Appearance   powder   Physical State   Powder   Odor    None

Precautionary statements

P310 – Immediately call a POISON CENTER or doctor/physician
P302+ P352 – IF ON SKIN: Wash with plenty of soap and water
P321- Specific treatment (see supplemental first aid instructions on this label)
P332+ P313 –if skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 +P313 – If eye irritation persists: Get medical advice/attention

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS
SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

**EYES:** FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

**SKIN:** WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR, GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

**INHALATION:** REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

**INGESTION:** RINSE MOUTH. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE----- KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

FIRE FIGHTING PROCEDURE----- DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.

FIRE FIGHTING EQUIPMENT---- USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

STEPS TO BE TAKEN---- DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIALS AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SCRUB SPILL AREA WITH DETERGENT, FLUSH WITH COPIOUS AMOUNT OF WATER.

WASTE DISPOSAL METHOD----- BURY OR INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINER REUSE METHOD----- CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY---- NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN------ ALWAYS WEAR IMPELLENT GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.

EYES---- WEAR SIDE-SHIELD SAFETY GLASSES.
VENTILATION--- LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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SECTION 10: STABILITY AND REACTIVITY

Stability--- Stable under normal conditions

Conditions to Avoid----- None known

Incompatible Materials----- Unknown

Hazardsous Decomposition Products--- Burning will produce oxides of carbon, nitrogen, and other potentially toxic fumes.

Hazardsous Polymerization----- Will not undergo polymerization.

Conditions to Avoid----- None known

SECTION 11: TOXICOLOGICAL INFORMATION

<table>
<thead>
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<tr>
<td>Oral LD50 (Rat)</td>
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SECTION 12: ECOLOGICAL DATA

<table>
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<tr>
<td>Supplemenal Test Data</td>
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</tbody>
</table>

Ecotoxicity
0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Toxicity to Algae ----- No data available
Toxicity to Fish ----- No data available
Toxicity to daphnia and other aquatic invertebrates

Persistence and Degradability
No information available.

Bioaccumulation
No information available.

Other Adverse Effects
No information available.
SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

Waste treatment

Waste Disposal Methods: Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated Packaging: Do not re-use empty containers. Dispose of in accordance with local regulations.

SECTION 14: SHIPPING AND TRANSPORTATION INFORMATION

DOT REGULATION (GROUND)—NOT REGULATED
IATA REGULATION (AIR)—NOT REGULATED
IMDG/IMO REGULATION (WATER)—NOT REGULATED

DOT HAZARD CLASS——NON-HAZARDOUS
DOT CLASSIFICATION——NON-HAZARDOUS MATERIAL
COMMODITY CLASS——INK MATERIAL

SECTION 15: REGULATORY INFORMATION

REGULATORY LIST REFERENCE:

NOTE: WHEN NO COMPONENTS ARE SHOWN IN SPACE ABOVE THIS NOTE, NO FEDERAL OR STATE REPORTING REQUIREMENTS APPLY TO THIS PRODUCT. WHEN COMPONENTS ARE LISTED ABOVE, LIST NUMBERS SHOWN BELOW INDICATE APPLICABLE REGULATIONS.

LIST NUMBERS
1 ACCIDENTAL RELEASE SUBSTANCE
2 CERCLA 304 HAZARDOUS SUBSTANCE(RQ)
3 RESERVED
4 CLEAN AIR ACT-SEC.111 VOLATILE ORGANIC COMPOUNDS
5 CLEAN AIR ACT-SEC.112 HAZ. AIR POLLUTANT (HAP,HAP CODE)
6 CLEAN AIR ACT-OZONE DEPLETING CHEMICAL(ODC)
7 CLEAN WATER ACT-RQ
8 CLEAN WATER ACT-PRIORITY POLLUTANT(PP)RQ
9 MARINE POLLUTANT (MP)
10 PSM HIGHLY HAZARDOUS CHEMICAL
11 RCRA HAZARDOUS WASTE (RCRA CODE)
12 SARA 302 EXTREMELY HAZARDOUS SUBSTANCE (EHS)(RQ)
13 SARA 313 TOXIC RELEASE INVENTORY (TRI)(TR CONC, TR THRESHOLD)
14 SOCMI CHEMICAL (CAA)
15 STATE LISTS
CA-CALIFORNIA PROPOSITION 65, DE-DELAWARE, ID-IDAHO, ME-MAINE, MA-MASSACHUSETTS, MI-MICHIGAN,
SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE/ACUTE HEALTH HAZARD: NO
CHRONIC/DELAYED HAZARD: NO
FLAMMABLE: NO
REACTIVITY HAZARD: NO
OXIDIZER: NO

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

SECTION 16: OTHER INFORMATION

LAST REVISION DATE. 07/01/2015

HMIS RATINGS: HEALTH: 1 Flammability: 1 Physical Hazard: 0 PERSONAL PROTECTION: F

DISCLAIMER:

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN. THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 AND SUPERSEDES ANY PREVIOUS INFORMATION. PREVIOUSLY DATED SHEETS ARE INVALID AND INAPPLICABLE.

END OF MSDS.
**SAFETY DATA SHEET**

**SECTION 1: PRODUCT IDENTIFICATION**

PRODUCT NAME--------- REACTIVE BLUE 163

Supplier : Dharma Trading Co.
1805 S. McDowell Blvd. Ext.
Petaluma, CA 94954
Tel: 707-293-0390
Fax : 707-283-0379
Email : service@dharmatrading.com

Emergency number: (800) 424-9300

**SECTION 2: HAZARD IDENTIFICATION**

Classification:

Skin corrosion/irritation-------------------Category 2

Serious eye damage /eye irritation-------Category 2

**EMERGENCY OVERVIEW**

**signal word**

**WARNING**

**Hazard statements** : H315 – Causes skin irritation
H319 - Causes serious eye irritation

**Appearance** powder **Physical State** Powder **Odor** None

**Precautionary statements**

P310 – Immediately call a POISON CENTER or doctor/physician
P302+ P352 – IF ON SKIN: Wash with plenty of soap and water
P321- Specific treatment (see supplemental first aid instructions on this label)
P332+ P313 –If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 +P313 – If eye irritation persists: Get medical advice/attention

**Hazards Not Otherwise Classified (HNOC)**

**OTHER INFORMATION**

**Unknown Acute Toxicity**

100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**
SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

INGESTION: RINSE MOUTH. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE----- KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

FIRE FIGHTING PROCEDURE----- DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.

FIRE FIGHTING EQUIPMENT---- USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

STEPS TO BE TAKEN---- DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIALS AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SCRUB SPILL AREA WITH DETERGENT, FLUSH WITH COPIOUS AMOUNT OF WATER.

WASTE DISPOSAL METHOD---- BURY OR INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINER REUSE METHOD---- CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY---- NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN------ ALWAYS WEAR IMPERVIOUS GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.

EYES---- WEAR SIDE-SHIELD SAFETY GLASSES.
VENTILATION—— LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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SECTION 10: STABILITY AND REACTIVITY

Stability——— Stable under normal conditions
Conditions to Avoid——— None known
Incompatible Materials——— Unknown
Hazardous Decomposition Products——— Burning will produce oxides of carbon, nitrogen, and other potentially toxic fumes.
Hazardous Polymerization——— Will not undergo polymerization.
Conditions to Avoid——— None known

SECTION 11: TOXICOLOGICAL INFORMATION

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SECTION 12: ECOLOGICAL DATA

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Ecotoxicity
0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Toxicity to Algae      no data available
Toxicity to Fish       no data available
Toxicity to daphnia and other aquatic invertebrates

Persistence and Degradability
No information available.

Bioaccumulation
No information available.

Other Adverse Effects
No information available.
SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

SECTION 14: SHIPPING AND TRANSPORTATION INFORMATION

DOT REGULATION (GROUND)—NOT REGULATED
IATA REGULATION (AIR)—NOT REGULATED
IMDG/IMO REGULATION (WATER)—NOT REGULATED

DOT HAZARD CLASS—NON-HAZARDOUS
DOT CLASSIFICATION—NON-HAZARDOUS MATERIAL
COMMODITY CLASS—INK MATERIAL

SECTION 15: REGULATORY INFORMATION

REGULATORY LIST REFERENCE:

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14 SOCMI CHEMICAL (CAA)
15 STATE LISTS
CA-CALIFORNIA PROPOSITION 65, DE-DELaware, ID-IDaho, ME-MAINE, MA-MASSACHUSETTS, MI-MICHIGAN,
SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE/ACUTE HEALTH HAZARD: NO
CHRONIC/ DELAYED HAZARD: NO
FLAMMABLE: NO
REACTIVITY HAZARD: NO
OXIDIZER: NO

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

SECTION 16: OTHER INFORMATION

LAST REVISION DATE. 07/01/2015

HMIS RATINGS: HEALTH: 1 Flammability: 1 Physical Hazard: 0 PERSONAL PROTECTION: F

DISCLAIMER:

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END OF MSDS.
SECTION 2: HAZARD IDENTIFICATION

Classification:
Skin corrosion/irritation-------------------Category 2
Serious eye damage /eye irritation-------Category 2

EMERGENCY OVERVIEW
signal word
WARNING

Hazard statements: H315 – Causes skin irritation
H319 - Causes serious eye irritation

Appearance powder
Physical State Powder
Odor None

Precautionary statements
P310 – Immediately call a POISON CENTER or doctor/physician
P302+ P352 – IF ON SKIN: Wash with plenty of soap and water
P321- Specific treatment (see supplemental first aid instructions on this label)
P332+ P313 –if skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 +P313 – If eye irritation persists: Get medical advice/attention

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity
SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR, GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

INGESTION: RINSE MOUTH, GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE----- KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

FIRE FIGHTING PROCEDURE-----DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.

FIRE FIGHTING EQUIPMENT----USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

STEPS TO BE TAKEN---- DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIALS AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SCRUB SPILL AREA WITH DETERGENT, FLUSH WITH COPIOUS AMOUNT OF WATER.

WASTE DISPOSAL METHOD----- BURY OR INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINER REUSE METHOD---- CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY---- NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN----- ALWAYS WEAR IMPERVIOUS GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.

EYES----- WEAR SIDE-SHIELD SAFETY GLASSES.
VENTILATION---- LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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<td>Boiling Point--</td>
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</tr>
<tr>
<td>Flammable Limits--</td>
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</tr>
</tbody>
</table>

SECTION 10: STABILITY AND REACTIVITY

Stability------ Stable under normal conditions
Conditions to avoid----- None known
Incompatible materials----- Unknown
Hazardous decomposition products----- Burning will produce oxides of carbon, nitrogen, and other potentially toxic fumes.
Hazardous polymerization----- Will not undergo polymerization.
Conditions to avoid----- None known

SECTION 11: TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Test</th>
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<tbody>
<tr>
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SECTION 12: ECOLOGICAL DATA

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<td>COD</td>
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<td>Biodegradability</td>
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<td>No data current available</td>
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<tr>
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<td>No data current available</td>
</tr>
<tr>
<td>SupplemenTatical Test Data</td>
<td>No data current available</td>
</tr>
</tbody>
</table>

Ecotoxicity
0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Toxicity to Algae no data available
Toxicity to Fish no data available
Toxicity to daphnia and other aquatic invertebrates

Persistence and Degradability
No information available.
Bioaccumulation
No information available.
Other Adverse Effects
No information available.
SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

SECTION 14: SHIPPING AND TRANSPORTATION INFORMATION

DOT REGULATION (GROUND)—-NOT REGULATED
IATA REGULATION (AIR)--NOT REGULATED
IMDG/IMO REGULATION (WATER)—-NOT REGULATED

DOT HAZARD CLASS----NON-HAZARDOUS
DOT CLASSIFICATION----NON-HAZARDOUS MATERIAL
COMMODITY CLASS----INK MATERIAL

SECTION 15: REGULATORY INFORMATION

REGULATORY LIST REFERENCE:

NOTE: WHEN NO COMPONENTS ARE SHOWN IN SPACE ABOVE THIS NOTE, NO FEDERAL OR STATE REPORTING REQUIREMENTS APPLY TO THIS PRODUCT. WHEN COMPONENTS ARE LISTED ABOVE, LIST NUMBERS SHOWN BELOW INDICATE APPLICABLE REGULATIONS.

LIST NUMBERS
1 ACCIDENTAL RELEASE SUBSTANCE
2 CERCLA 304 HAZARDOUS SUBSTANCE(RQ)
3 RESERVED
4 CLEAN AIR ACT-SEC.111 VOLATILE ORGANIC COMPOUNDS
5 CLEAN AIR ACT-SEC.112 HAZ. AIR POLLUTANT (HAP,HAP CODE)
6 CLEAN AIR ACT-OZONE DEPLETING CHEMICAL(ODC)
7 CLEAN WATER ACT-RQ
8 CLEAN WATER ACT-PRIORITY POLLUTANT(PP)RQ
9 MARINE POLLUTANT (MP)
10 PSM HIGHLY HAZARDOUS CHEMICAL
11 RCRA HAZARDOUS WASTE (RCRA CODE)
12 SARA 302 EXTREMELY HAZARDOUS SUBSTANCE (EHS)(RQ)
13 SARA 313 TOXIC RELEASE INVENTORY (TRI)(TR CONC, TR THRESHOLD)
14 SOCMC CHEMICAL (CAA)
15 STATE LISTS
CA- CALIFORNIA PROPOSITION 65, DE- DELAWARE, ID- IDAHO, ME- MAINE, MA- MASSACHUSETTS, MI- MICHIGAN,
T.S.C.A.--- IN COMPLIANCE
0.S.H.A. HAZARD CLASSIFICATION: NON HAZARDOUS

SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE/ACUTE HEALTH HAZARD: NO
CHRONIC/ DELAYED HAZARD: NO
FLAMMABLE: NO
REACTIVITY HAZARD: NO
OXIDIZER: NO

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

SECTION 16: OTHER INFORMATION
LAST REVISION DATE. 07/01/2015
HMIS RATINGS: HEALTH: 1 Flammability: 1 Physical Hazard: 0 PERSONAL PROTECTION: F

DISCLAIMER:
THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN. THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 AND SUPERSEDES ANY PREVIOUS INFORMATION. PREVIOUSLY DATED SHEETS ARE INVALID AND INAPPLICABLE.

END OF MSDS.
**SECTION 1: PRODUCT IDENTIFICATION**

**PRODUCT NAME:** REACTIVE NAVY HR

**Supplier:** Dharma Trading Co.
1805 S. McDowell Blvd. Ext.
Petaluma, CA 94954
Tel: 707-293-0390
Fax: 707-283-0379
Email: service@dharmatrading.com

Emergency number: (800) 424-9300

**SECTION 2: HAZARD IDENTIFICATION**

**Classification:**
- Skin corrosion/irritation: Category 2
- Serious eye damage /eye irritation: Category 2

**EMERGENCY OVERVIEW**

**signal word**
WARNING

**Hazard statements:**
- H315 – Causes skin irritation
- H319 - Causes serious eye irritation

**Appearance** powder  **Physical State** Powder  **Odor** None

**Precautionary statements**
- P310 – Immediately call a POISON CENTER or doctor/physician
- P302+ P352 – IF ON SKIN: Wash with plenty of soap and water
- P321- Specific treatment (see supplemental first aid instructions on this label)
- P332+ P313 – if skin irritation occurs: Get medical advice/attention
- P362 - Take off contaminated clothing and wash before reuse
- P264 – Wash face, hands and any exposed skin thoroughly after handling
- P280 – Wear protective gloves/protective clothing/eye protection/face protection
- P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 +P313 – If eye irritation persists: Get medical advice/attention

**Hazards Not Otherwise Classified (HNOC)**

**OTHER INFORMATION**

**Unknown Acute Toxicity**
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**
SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

**EYES:** FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

**SKIN:** WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR, GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

**INHALATION:** REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

**INGESTION:** RINSE MOUTH. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE——— KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

FIRE FIGHTING PROCEDURE———DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.

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WASTE DISPOSAL METHOD——— BURY OR INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINER REUSE METHOD——— CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY——— NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN——— ALWAYS WEAR IMPERVIOUS GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.

EYES——— WEAR SIDE-SHIELD SAFETY GLASSES.
VENTILATION---- LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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<td>Vapor Density</td>
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<tr>
<td>Flammable Limits</td>
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</table>

SECTION 10: STABILITY AND REACTIVITY

STABILITY------ STABLE UNDER NORMAL CONDITIONS
CONDITIONS TO AVOID----- NONE KNOWN
INCOMPATIBLE MATERIALS-----UNKNOWN
HAZARDOUS DECOMPOSITION PRODUCTS---BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN, AND OTHER POTENTIALLY TOXIC FUMES.
HAZARDOUS POLYMERIZATION----- WILL NOT UNDERGO POLYMERIZATION.
CONDITIONS TO AVOID---NONE KNOWN

SECTION 11: TOXICOLOGICAL INFORMATION

<table>
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<tr>
<th>Test</th>
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SECTION 12: ECOLOGICAL DATA

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<tr>
<td>SupPLEMENTAL TEST DATA</td>
<td>NO DATA CURRENTLY AVAILABLE</td>
</tr>
</tbody>
</table>

Ecotoxicity

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Toxicity to Algae  no data available
Toxicity to Fish   no data available
Toxicity to daphnia and other aquatic invertebrates  No information available.

Persistence and Degradability  No information available.
Bioaccumulation         No information available.
Other Adverse Effects   No information available.
SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

SECTION 14: SHIPPING AND TRANSPORTATION INFORMATION

DOT REGULATION (GROUND)—-NOT REGULATED
IATA REGULATION (AIR)--NOT REGULATED
IMDG/IMO REGULATION (WATER)—-NOT REGULATED

DOT HAZARD CLASS----NON-HAZARDOUS
DOT CLASSIFICATION----NON-HAZARDOUS MATERIAL
COMMODITY CLASS----INK MATERIAL

SECTION 15: REGULATORY INFORMATION

REGULATORY LIST REFERENCE:

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7 CLEAN WATER ACT-RQ
8 CLEAN WATER ACT-PRIORITY POLLUTANT(PP)RQ
9 MARINE POLLUTANT (MP)
10 PSM HIGHLY HAZARDOUS CHEMICAL
11 RCRA HAZARDOUS WASTE (RCRA CODE)
12 SARA 302 EXTREMELY HAZARDOUS SUBSTANCE (EHS)(RQ)
13 SARA 313 TOXIC RELEASE INVENTORY (TRI)(TR CONC, TR THRESHOLD)
14 SOCMI CHEMICAL (CAA)
15 STATE LISTS
CA-CALIFORNIA PROPOSITION 65, DE-DELWARE, ID-IDAHO, ME-MAINE, MA-MASSACHUSETTS, MI-MICHIGAN,
SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE/ACUTE HEALTH HAZARD: NO
CHRONIC/DELAYED HAZARD: NO
FLAMMABLE: NO
REACTIVITY HAZARD: NO
OXIDIZER: NO

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

SECTION 16: OTHER INFORMATION

LAST REVISION DATE. 07/01/2015

HMIS RATINGS: HEALTH: 1 Flammability: 1 Physical Hazard: 0 PERSONAL PROTECTION: F

DISCLAIMER:

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END OF MSDS.
SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME--------- REACTIVE ORANGE 4

Supplier : Dharma Trading Co.
1805 S. McDowell Blvd. Ext.
Petaluma, CA 94954
Tel: 707-293-0390
Fax : 707-283-0379
Email : service@dharmatrading.com

Emergency number: (800) 424-9300

SECTION 2: HAZARD IDENTIFICATION

Classification:

Skin corrosion/irritation-------------------Category 2

Serious eye damage /eye irritation-------Category 2

EMERGENCY OVERVIEW

signal word
WARNING

Hazard statements : H315 – Causes skin irritation
H319 - Causes serious eye irritation

Appearance powder Physical State Powder Odor None

Precautionary statements

P310 – Immediately call a POISON CENTER or doctor/physician
P302+ P352 – IF ON SKIN: Wash with plenty of soap and water
P321- Specific treatment (see supplemental first aid instructions on this label)
P332+ P313 –if skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 +P313 – If eye irritation persists: Get medical advice/attention

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS
SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR, GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

INGESTION: RINSE MOUTH. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE------ KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

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FIRE FIGHTING EQUIPMENT-----USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

STEPS TO BE TAKEN---- DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIALS AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SCRUB SPILL AREA WITH DETERGENT, FLUSH WITH COPIOUS AMOUNT OF WATER.

WASTE DISPOSAL METHOD----bury or incinerate according to federal, state and local regulations.

CONTAINER REUSE METHOD----CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY---- NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN------ ALWAYS WEAR IMPERVIOUS GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.

EYES------WEAR SIDE-SHIELD SAFETY GLASSES.
VENTILATION---- LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Vapor Pressure</td>
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</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>N/A</td>
</tr>
<tr>
<td>Appearance</td>
<td>Powder</td>
</tr>
<tr>
<td>Volatility</td>
<td>N/A</td>
</tr>
<tr>
<td>Freezing Point</td>
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</tr>
<tr>
<td>Evap. Rate</td>
<td>N/A</td>
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<tr>
<td>Melting Point</td>
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<tr>
<td>Ph of Product</td>
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<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>N/A</td>
</tr>
</tbody>
</table>

SECTION 10: STABILITY AND REACTIVITY

Stability------- Stable under normal conditions
Conditions to Avoid----- None known
Incompatible Materials----- Unknown
Hazardous Decomposition Products----- Burning will produce oxides of carbon, nitrogen, and other potentially toxic fumes.
Hazardous Polymerization----- Will not undergo polymerization.
Conditions to Avoid----- None known

SECTION 11: TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Test Type</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD50 (Rat)</td>
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<tr>
<td>Dermal LD50</td>
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<td>Eye Effects (Rabbit)</td>
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<td>Skin Effects (Rabbit)</td>
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<tr>
<td>Mutagenicity</td>
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<tr>
<td>Inhalation LC50</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Skin Sensitization (Guinea Pig)</td>
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<tr>
<td>Respiratory Sensitization</td>
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<tr>
<td>Additional Toxicity Data</td>
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</tr>
<tr>
<td>Supplemental Test Data</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Other Data</td>
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</tr>
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</table>

SECTION 12: ECOLOGICAL DATA

<table>
<thead>
<tr>
<th>Test Type</th>
<th>Data Available</th>
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<td>COD</td>
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<tr>
<td>Aquatic Toxicity</td>
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</tr>
<tr>
<td>Biodegradability</td>
<td>No data currently available</td>
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<tr>
<td>Persistence</td>
<td>No data currently available</td>
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<tr>
<td>Sewage Treatment</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Other Data</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Supplemental Test Data</td>
<td>No data currently available</td>
</tr>
</tbody>
</table>

Ecotoxicity

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Toxicity to Algae       no data available
Toxicity to Fish        no data available
Toxicity to daphnia and other aquatic invertebrates

Persistence and Degradability
No information available.

Bioaccumulation
No information available.

Other Adverse Effects
No information available.
SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

SECTION 14: SHIPPING AND TRANSPORTATION INFORMATION

DOT REGULATION (GROUND)—NOT REGULATED
IATA REGULATION (AIR)—NOT REGULATED
IMDG/IMO REGULATION (WATER)—NOT REGULATED

DOT HAZARD CLASS—NON-HAZARDOUS
DOT CLASSIFICATION—NON-HAZARDOUS MATERIAL
COMMODITY CLASS—INK MATERIAL

SECTION 15: REGULATORY INFORMATION

REGULATORY LIST REFERENCE:

NOTE: WHEN NO COMPONENTS ARE SHOWN IN SPACE ABOVE THIS NOTE, NO FEDERAL OR STATE REPORTING REQUIREMENTS APPLY TO THIS PRODUCT. WHEN COMPONENTS ARE LISTED ABOVE, LIST NUMBERS SHOWN BELOW INDICATE APPLICABLE REGULATIONS.

LIST NUMBERS
1 ACCIDENTAL RELEASE SUBSTANCE
2 CERCLA 304 HAZARDOUS SUBSTANCE(RQ)
3 RESERVED
4 CLEAN AIR ACT-SEC.111 VOLATILE ORGANIC COMPOUNDS
5 CLEAN AIR ACT-SEC.112 HAZ. AIR POLLUTANT (HAP,HAP CODE)
6 CLEAN AIR ACT-OZONE DEPLETING CHEMICAL(ODC)
7 CLEAN WATER ACT-RQ
8 CLEAN WATER ACT-PRIORITY POLLUTANT(PP)RQ
9 MARINE POLLUTANT (MP)
10 PSM HIGHLY HAZARDOUS CHEMICAL
11 RCRA HAZARDOUS WASTE (RCRA CODE)
12 SARA 302 EXTREMELY HAZARDOUS SUBSTANCE (EHS)(RQ)
13 SARA 313 TOXIC RELEASE INVENTORY (TRI)(TR CONC, TR THRESHOLD)
14 SOCMI CHEMICAL (CAA)
15 STATE LISTS
CA-CALIFORNIA PROPOSITION 65, DE-DELWARE, ID-IDAH, ME-MAINE, MA-MASSACHUSETTS, MI-MICHIGAN,
SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE/ACUTE HEALTH HAZARD: NO
CHRONIC/ DELAYED HAZARD: NO
FLAMMABLE: NO
REACTIVITY HAZARD: NO
OXIDIZER: NO

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

SECTION 16: OTHER INFORMATION

LAST REVISION DATE: 07/01/2015

HMIS RATINGS: HEALTH: 1 Flammability: 1 Physical Hazard: 0 PERSONAL PROTECTION: F

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END OF MSDS.
**SAFETY DATA SHEET**

**SECTION 1: PRODUCT IDENTIFICATION**

PRODUCT NAME--------- REACTIVE ORANGE 86

Supplier : Dharma Trading Co.
1805 S. McDowell Blvd. Ext.
Petaluma, CA 94954
Tel: 707-293-0390
Fax: 707-283-0379
Email: service@dharmatrading.com

Emergency number: (800) 424-9300

**SECTION 2: HAZARD IDENTIFICATION**

Classification:

Skin corrosion/irritation-------------------Category 2

Serious eye damage /eye irritation-------Category 2

**EMERGENCY OVERVIEW**

signal word

WARNING

**Hazard statements** : H315 – Causes skin irritation
H319 - Causes serious eye irritation

**Appearance** powder    **Physical State** Powder    **Odor** None

**Precautionary statements**

P310 – Immediately call a POISON CENTER or doctor/physician
P302+ P352 – IF ON SKIN: Wash with plenty of soap and water
P321- Specific treatment (see supplemental first aid instructions on this label)
P332+ P313 –If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 +P313 – If eye irritation persists: Get medical advice/attention

**Hazards Not Otherwise Classified (HNOC)**

**OTHER INFORMATION**

**Unknown Acute Toxicity**
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**
CHEMICAL NAME: REACTIVE ORANGE 86  
C. A. S. #: 83929-91-3

SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR, GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

INGESTION: RINSE MOUTH. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE------ KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

FIRE FIGHTING PROCEDURE------ DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.

FIRE FIGHTING EQUIPMENT------ USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

STEPS TO BE TAKEN------ DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIALS AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SCRUB SPILL AREA WITH DETERGENT, FLUSH WITH COPIOUS AMOUNT OF WATER.

WASTE DISPOSAL METHOD------ BURY OR INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINER REUSE METHOD------ CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY------ NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN------ ALWAYS WEAR IMPERVIOUS GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.

EYES------ WEAR SIDE-SHIELD SAFETY GLASSES.
VENTILATION: LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **VAPOR PRESSURE**: N/A
- **ODOR**: NONE
- **VAPOR DENSITY**: N/A
- **APPEARANCE**: POWDER
- **VOLATILITY**: N/A
- **FREEZE POINT**: N/A
- **EVAP. RATE**: N/A
- **MELTING POINT**: N/A
- **PH OF PRODUCT**: N/A
- **BOILING POINT**: N/A
- **FLAMMABLE LIMITS**: N/A

SECTION 10: STABILITY AND REACTIVITY

**STABILITY**: STABLE UNDER NORMAL CONDITIONS

**CONDITIONS TO AVOID**: NONE KNOWN

**INCOMPATIBLE MATERIALS**: UNKNOWN

**HAZARDOUS DECOMPOSITION PRODUCTS**: BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN, AND OTHER POTENTIALLY TOXIC FUMES.

**HAZARDOUS POLYMERIZATION**: WILL NOT UNDERGO POLYMERIZATION.

**CONDITIONS TO AVOID**: NONE KNOWN

SECTION 11: TOXICOLOGICAL INFORMATION

**ORAL LD50 (RAT)** NO DATA CURRENTLY AVAILABLE

**DERMAL LD50** NO DATA CURRENTLY AVAILABLE

**EYE EFFECTS (RABBIT)** NO DATA CURRENTLY AVAILABLE

**SKIN EFFECTS (RABBIT)** NO DATA CURRENTLY AVAILABLE

**MUTAGENICITY** NO DATA CURRENTLY AVAILABLE

**INHALATION LC50** NO DATA CURRENTLY AVAILABLE

**SKIN SENSITIZATION (GUINEA PIG)** NO DATA CURRENTLY AVAILABLE

**RESPIRATORY SENSITIZATION** NO DATA CURRENTLY AVAILABLE

**ADDITIONAL TOXICITY DATA** NO DATA CURRENTLY AVAILABLE

**SUPPLEMENTAL TEST DATA** NO DATA CURRENTLY AVAILABLE

**OTHER DATA** NO DATA CURRENTLY AVAILABLE

SECTION 12: ECOLOGICAL DATA

**BOD** NO DATA CURRENTLY AVAILABLE

**COD** NO DATA CURRENTLY AVAILABLE

**AQUATIC TOXICITY** NO DATA CURRENTLY AVAILABLE

**BIODEGRADABILITY** NO DATA CURRENTLY AVAILABLE

**PERSISTENCE** NO DATA CURRENTLY AVAILABLE

**SEWAGE TREATMENT** NO DATA CURRENTLY AVAILABLE

**OTHER DATA** NO DATA CURRENTLY AVAILABLE

**SUPPLEMENTAL TEST DATA** NO DATA CURRENTLY AVAILABLE

**Ecotoxicity**

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Toxicity to Algae** no data available

**Toxicity to Fish** no data available

**Toxicity to daphnia and other aquatic invertebrates**

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

**Other Adverse Effects** No information available
SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

SECTION 14: SHIPPING AND TRANSPORTATION INFORMATION

DOT REGULATION (GROUND)—-NOT REGULATED
IATA REGULATION (AIR)--NOT REGULATED
IMDG/IMO REGULATION (WATER)—-NOT REGULATED

DOT HAZARD CLASS----NON-HAZARDOUS
DOT CLASSIFICATION----NON-HAZARDOUS MATERIAL
COMMODITY CLASS----INK MATERIAL

SECTION 15: REGULATORY INFORMATION

REGULATORY LIST REFERENCE:

NOTE: WHEN NO COMPONENTS ARE SHOWN IN SPACE ABOVE THIS NOTE, NO FEDERAL OR STATE REPORTING REQUIREMENTS APPLY TO THIS PRODUCT. WHEN COMPONENTS ARE LISTED ABOVE, LIST NUMBERS SHOWN BELOW INDICATE APPLICABLE REGULATIONS.

LIST NUMBERS
1 ACCIDENTAL RELEASE SUBSTANCE
2 CERCLA 304 HAZARDOUS SUBSTANCE(RQ)
3 RESERVED
4 CLEAN AIR ACT-SEC.111 VOLATILE ORGANIC COMPOUNDS
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6 CLEAN AIR ACT-OZONE DEPLETING CHEMICAL(ODC)
7 CLEAN WATER ACT-RQ
8 CLEAN WATER ACT-PRIORITY POLLUTANT(PP)RQ
9 MARINE POLLUTANT (MP)
10 PSM HIGHLY HAZARDOUS CHEMICAL
11 RCRA HAZARDOUS WASTE (RCRA CODE)
12 SARA 302 EXTREMELY HAZARDOUS SUBSTANCE (EHS)(RQ)
13 SARA 313 TOXIC RELEASE INVENTORY (TRI)(TR CONC, TR THRESHOLD)
14 SOCMI CHEMICAL (CAA)
15 STATE LISTS
CA-CALIFORNIA PROPOSITION 65, DE-DELWARE, ID-IDAHO, ME-MAINE, MA-MASSACHUSETTS, MI-MICHIGAN,
T.S.C.A. --- IN COMPLIANCE
0.S.H.A. HAZARD CLASSIFICATION: NON HAZARDOUS

SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE/ACUTE HEALTH HAZARD: NO
CHRONIC/ DELAYED HAZARD: NO
FLAMMABLE: NO
REACTIVITY HAZARD: NO
OXIDIZER: NO

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

SECTION 16: OTHER INFORMATION

LAST REVISION DATE. 07/01/2015

HMIS RATINGS:  HEALTH: 1  Flammability: 1  Physical Hazard: 0  PERSONAL PROTECTION: F

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END OF MSDS.
SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME-------- REACTIVE RED 11/AA

Supplier : Dharma Trading Co.
1805 S. McDowell Blvd. Ext.
Petaluma, CA 94954
Tel: 707-293-0390
Fax : 707-283-0379
Email : service@dharmatrading.com

Emergency number: (800) 424-9300

SECTION 2: HAZARD IDENTIFICATION

Classification:

Skin corrosion/irritation-------------------Category 2
Serious eye damage /eye irritation-------Category 2

EMERGENCY OVERVIEW

signal word
WARNING

Hazard statements : H315 – Causes skin irritation
H319 - Causes serious eye irritation

Appearance powder Physical State Powder Odor None

Precautionary statements

P310 – Immediately call a POISON CENTER or doctor/physician
P302+ P352 – IF ON SKIN: Wash with plenty of soap and water
P321- Specific treatment (see supplemental first aid instructions on this label)
P332+ P313 –if skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 +P313 – If eye irritation persists: Get medical advice/attention

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS
SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR, GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

INGESTION: RINSE MOUTH. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE----- KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

FIRE FIGHTING PROCEDURE-----DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.

FIRE FIGHTING EQUIPMENT-----USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

STEPS TO BE TAKEN---- DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIALS AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SCRUB SPILL AREA WITH DETERGENT, FLUSH WITH COPIOUS AMOUNT OF WATER.

WASTE DISPOSAL METHOD----- BURY OR INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINER REUSE METHOD----- CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY----- NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN----- ALWAYS WEAR IMPERVIOUS GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.

EYES----- WEAR SIDE-SHIELD SAFETY GLASSES.
VENTILATION---- LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE--N/A ODOR--NONE
VAPOR DENSITY--N/A APPEARANCE--POWDER
VOLATILITY---- N/A SPECIFIC GRAV-- N/A
FREEZE POINT--- N/A EVAP. RATE--- N/A
MELTING POINT---N/A Ph OF PRODUCT—N/A
BOILING POINT--N/A FLAMMABLE LIMITS--N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY------ STABLE UNDER NORMAL CONDITIONS
CONDITIONS TO AVOID----- NONE KNOWN
INCOMPATIBLE MATERIALS----UNKNOWN
HAZARDOUS DECOMPOSITION PRODUCTS---BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN, AND OTHER POTENTIALLY TOXIC FUMES.
HAZARDOUS POLYMERIZATION----- WILL NOT UNDERGO POLYMERIZATION.
CONDITIONS TO AVOID—NONE KNOWN

SECTION 11: TOXICOLOGICAL INFORMATION

ORAL LD50 (RAT) NO DATA CURRENTLY AVAILABLE
DERMAL LD50 NO DATA CURRENTLY AVAILABLE
EYE EFFECTS (RABBIT) NO DATA CURRENTLY AVAILABLE
SKIN EFFECTS (RABBIT) NO DATA CURRENTLY AVAILABLE
MUTAGENICITY NO DATA CURRENTLY AVAILABLE
INHALATION LC50 NO DATA CURRENTLY AVAILABLE
SKIN SENSITIZATION (GUINEA PIG) NO DATA CURRENTLY AVAILABLE
RESPIRATORY SENSITIZATION NO DATA CURRENTLY AVAILABLE
ADDITIONAL TOXICITY DATA NO DATA CURRENTLY AVAILABLE
SUPPLEMENTAL TEST DATA NO DATA CURRENTLY AVAILABLE
OTHER DATA NO DATA CURRENTLY AVAILABLE

SECTION 12: ECOLOGICAL DATA

BOD NO DATA CURRENTLY AVAILABLE
COD NO DATA CURRENTLY AVAILABLE
AQUATIC TOXICITY NO DATA CURRENTLY AVAILABLE
BIODEGRADABILITY NO DATA CURRENTLY AVAILABLE
PERSISTENCE NO DATA CURRENTLY AVAILABLE
SEWAGE TREATMENT NO DATA CURRENTLY AVAILABLE
OTHER DATA NO DATA CURRENTLY AVAILABLE
SUPPLEMENTAL TEST DATA NO DATA CURRENTLY AVAILABLE

Ecotoxicity
0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Toxicity to Algae no data available
Toxicity to Fish no data available
Toxicity to daphnia and other aquatic invertebrates

Persistence and Degradability No information available.
Bioaccumulation No information available.
Other Adverse Effects No information available.
SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

SECTION 14: SHIPPING AND TRANSPORTATION INFORMATION

DOT REGULATION (GROUND)—-NOT REGULATED
IATA REGULATION (AIR)—-NOT REGULATED
IMDG/IMO REGULATION (WATER)—-NOT REGULATED

DOT HAZARD CLASS----NON-HAZARDOUS
DOT CLASSIFICATION----NON-HAZARDOUS MATERIAL
COMMODITY CLASS----INK MATERIAL

SECTION 15: REGULATORY INFORMATION

REGULATORY LIST REFERENCE:

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4 CLEAN AIR ACT-SEC.111 VOLATILE ORGANIC COMPOUNDS
5 CLEAN AIR ACT-SEC.112 HAZ. AIR POLLUTANT (HAP,HAP CODE)
6 CLEAN AIR ACT-OZONE DEPLETING CHEMICAL(ODC)
7 CLEAN WATER ACT-RQ
8 CLEAN WATER ACT-PRIORITY POLLUTANT(PP)RQ
9 MARINE POLLUTANT (MP)
10 PSM HIGHLY HAZARDOUS CHEMICAL
11 RCRA HAZARDOUS WASTE (RCRA CODE)
12 SARA 302 EXTREMELY HAZARDOUS SUBSTANCE (EHS)(RQ)
13 SARA 313 TOXIC RELEASE INVENTORY (TRI)(TR CONC, TR THRESHOLD)
14 SOCMI CHEMICAL (CAA)
15 STATE LISTS
16 SUPPLEMENTAL REGULATORY INFORMATION(SRI)

T.S.C.A---- IN COMPLIANCE
0. S.H.A. HAZARD CLASSIFICATION: NON HAZARDOUS
SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE/ACUTE HEALTH HAZARD: NO
CHRONIC/ DELAYED HAZARD: NO
FLAMMABLE: NO
REACTIVITY HAZARD: NO
OXIDIZER: NO

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

SECTION 16: OTHER INFORMATION

LAST REVISION DATE. 07/01/2015

HMIS RATINGS: HEALTH: 1     Flammability: 1     Physical Hazard: 0     PERSONAL PROTECTION: F

DISCLAIMER:

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN. THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910, 1200 AND SUPERScedes ANY PREVIOUS INFORMATION. PREVIOUSLY DATED SHEETS ARE INVALID AND INAPPLICABLE.

END OF MSDS.
SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME--------- REACTIVE VIOLET G 120%

Supplier : Dharma Trading Co.
1805 S. McDowell Blvd. Ext.
Petaluma, CA 94954
Tel: 707-293-0390
Fax : 707-283-0379
Email : service@dharmatrading.com

Emergency number: (800) 424-9300

SECTION 2: HAZARD IDENTIFICATION

Classification:
Skin corrosion/irritation-------------------Category 2
Serious eye damage /eye irritation-------Category 2

EMERGENCY OVERVIEW

signal word
WARNING

Hazard statements : H315 – Causes skin irritation
                      H319 - Causes serious eye irritation

Appearance powder Physical State Powder Odor None

Precautionary statements

P310 – Immediately call a POISON CENTER or doctor/physician
P302+ P352 – IF ON SKIN: Wash with plenty of soap and water
P321- Specific treatment (see supplemental first aid instructions on this label)
P332+ P313 –if skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 +P313 – If eye irritation persists: Get medical advice/attention

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity
SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR, GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

INGESTION: RINSE MOUTH. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE----- KEEP UNNECESSARY PEOPLE AWAY, ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

FIRE FIGHTING PROCEDURE----- DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.

FIRE FIGHTING EQUIPMENT---- USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

STEPS TO BE TAKEN---- DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIALS AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SCRUB SPILL AREA WITH DETERGENT, FLUSH WITH COPIOUS AMOUNT OF WATER.

WASTE DISPOSAL METHOD---- BURY OR INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINER REUSE METHOD---- CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY---- NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN----- ALWAYS WEAR IMPERVIOUS GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.

EYES----- WEAR SIDE-SHIELD SAFETY GLASSES.
VENTILATION—- LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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</table>
SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

Waste treatment

**Waste Disposal Methods** Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

**Contaminated Packaging** Do not re-use empty containers. Dispose of in accordance with local regulations.

SECTION 14: SHIPPING AND TRANSPORTATION INFORMATION

DOT REGULATION (GROUND)—-NOT REGULATED
IATA REGULATION (AIR)—-NOT REGULATED
IMDG/IMO REGULATION (WATER)—-NOT REGULATED

DOT HAZARD CLASS----NON-HAZARDOUS
DOT CLASSIFICATION----NON-HAZARDOUS MATERIAL
COMMODITY CLASS----INK MATERIAL

SECTION 15: REGULATORY INFORMATION

REGULATORY LIST REFERENCE:

**NOTE:** WHEN NO COMPONENTS ARE SHOWN IN SPACE ABOVE THIS NOTE, NO FEDERAL OR STATE REPORTING REQUIREMENTS APPLY TO THIS PRODUCT. WHEN COMPONENTS ARE LISTED ABOVE, LIST NUMBERS SHOWN BELOW INDICATE APPLICABLE REGULATIONS.

LIST NUMBERS
1 ACCIDENTAL RELEASE SUBSTANCE
2 CERCLA 304 HAZARDOUS SUBSTANCE(RQ)
3 RESERVED
4 CLEAN AIR ACT-SEC.111 VOLATILE ORGANIC COMPOUNDS
5 CLEAN AIR ACT-SEC.112 HAZ. AIR POLLUTANT (HAP,HAP CODE)
6 CLEAN AIR ACT-OZONE DEPLETING CHEMICAL(ODC)
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10 PSM HIGHLY HAZARDOUS CHEMICAL
11 RCRA HAZARDOUS WASTE (RCRA CODE)
12 SARA 302 EXTREMELY HAZARDOUS SUBSTANCE (EHS)(RQ)
13 SARA 313 TOXIC RELEASE INVENTORY (TRI)(TR CONC, TR THRESHOLD)
14 SOCMI CHEMICAL (CAA)
15 STATE LISTS
CA-CALIFORNIA PROPOSITION 65, DE-DELAWARE, ID-IDAHO, ME-MAINE, MA-MASSACHUSETTS, MI-MICHIGAN,
T.S.C.A---- IN COMPLIANCE
OSHA HAZARD CLASSIFICATION: NON HAZARDOUS

SARA 311/312 HAZARD CATEGORIES:

- IMMEDIATE/ACUTE HEALTH HAZARD: NO
- CHRONIC/DELAYED HAZARD: NO
- FLAMMABLE: NO
- REACTIVITY HAZARD: NO
- OXIDIZER: NO

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

SECTION 16: OTHER INFORMATION

LAST REVISION DATE. 07/01/2015

HMIS RATINGS: HEALTH: 1 Flammability: 1 Physical Hazard: 0 PERSONAL PROTECTION: F

DISCLAIMER:

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END OF MSDS.
**SAFETY DATA SHEET**

**SECTION 1: PRODUCT IDENTIFICATION**

PRODUCT NAME--------- REACTIVE RED 2/B

Supplier : Dharma Trading Co.
1805 S. McDowell Blvd. Ext.
Petaluma, CA 94954
Tel: 707-293-0390
Fax : 707-283-0379
Email : service@dharmatrading.com

Emergency number: (800) 424-9300

**SECTION 2: HAZARD IDENTIFICATION**

Classification:

Skin corrosion/irritation-------------------Category 2
Serious eye damage /eye irritation-------Category 2

**EMERGENCY OVERVIEW**

signal word
WARNING

**Hazard statements** : H315 – Causes skin irritation
H319 - Causes serious eye irritation

**Appearance** powder  **Physical State** Powder  **Odor** None

**Precautionary statements**

P310 – Immediately call a POISON CENTER or doctor/physician
P302+ P352 – IF ON SKIN: Wash with plenty of soap and water
P321- Specific treatment (see supplemental first aid instructions on this label)
P332+ P313 – if skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 +P313 – If eye irritation persists: Get medical advice/attention

**Hazards Not Otherwise Classified (HNOC)**

**OTHER INFORMATION**

**Unknown Acute Toxicity**
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**
SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

INGESTION: RINSE MOUTH. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE----- KEEP UNNECESSARY PEOPLE AWAY.ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

FIRE FIGHTING PROCEDURE-----DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.

FIRE FIGHTING EQUIPMENT----USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

STEPS TO BE TAKEN---- DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIALS AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SCRUB SPILL AREA WITH DETERGENT, FLUSH WITH COPIOUS AMOUNT OF WATER.

WASTE DISPOSAL METHOD----- BURY OR INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINER REUSE METHOD----- CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY----- NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN------ ALWAYS WEAR IMPERVIOUS GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.
EYES----WEAR SIDE-SHIELD SAFETY GLASSES.

VENTILATION---- LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE--N/A  VAPOR DENSITY---N/A
ODOR---NONE APPEARANCE--POWDER
VOLATILITY----- N/A SPECIFIC GRAV-- N/A
FREEZE POINT--- N/A EVAP. RATE--- N/A
MELTING POINT--N/A  Ph OF PRODUCT—N/A
BOILING POINT--N/A FLAMMABLE LIMITS--N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY------- STABLE UNDER NORMAL CONDITIONS
CONDITIONS TO AVOID----- NONE KNOWN
INCOMPATIBLE MATERIALS----UNKNOWN
HAZARDOUS DECOMPOSITION PRODUCTS--BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN, AND OTHER POTENTIALLY TOXIC FUMES.
HAZARDOUS POLYMERIZATION----- WILL NOT UNDERGO POLYMERIZATION.
CONDITIONS TO AVOID---NONE KNOWN

SECTION 11: TOXICOLOGICAL INFORMATION

ORAL LD50 (RAT)  NO DATA CURRENTLY AVAILABLE
DERMAL LD50  NO DATA CURRENTLY AVAILABLE
EYE EFFECTS (RABBIT)  NO DATA CURRENTLY AVAILABLE
SKIN EFFECTS (RABBIT)  NO DATA CURRENTLY AVAILABLE
MUTAGENICITY  NO DATA CURRENTLY AVAILABLE
INHALATION LC50  NO DATA CURRENTLY AVAILABLE
SKIN SENSITIZATION (GUINEA PIG)  NO DATA CURRENTLY AVAILABLE
RESPIRATORY SENSITIZATION  NO DATA CURRENTLY AVAILABLE
ADDITIONAL TOXICITY DATA  NO DATA CURRENTLY AVAILABLE
SUPPLEMENTAL TEST DATA  NO DATA CURRENTLY AVAILABLE
OTHER DATA  NO DATA CURRENTLY AVAILABLE

SECTION 12: ECOLOGICAL DATA

BOD  NO DATA CURRENTLY AVAILABLE
COD  NO DATA CURRENTLY AVAILABLE
AQUATIC TOXICITY  NO DATA CURRENTLY AVAILABLE
BIODEGRADABILITY  NO DATA CURRENTLY AVAILABLE
PERSISTENCE  NO DATA CURRENTLY AVAILABLE
SEWAGE TREATMENT  NO DATA CURRENTLY AVAILABLE
OTHER DATA  NO DATA CURRENTLY AVAILABLE
SUPPLEMENTAL TEST DATA  NO DATA CURRENTLY AVAILABLE

Ecotoxicity
0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Toxicity to Algae  no data available
Toxicity to Fish  no data available
Toxicity to daphnia and other aquatic invertebrates

Persistence and Degradability  No information available.
Bioaccumulation  No information available.
Other Adverse Effects  No information available
SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

SECTION 14: SHIPPING AND TRANSPORTATION INFORMATION

DOT REGULATION (GROUND)—NOT REGULATED
IATA REGULATION (AIR)—NOT REGULATED
IMDG/IMO REGULATION (WATER)—NOT REGULATED

DOT HAZARD CLASS—NON-HAZARDOUS
DOT CLASSIFICATION—NON-HAZARDOUS MATERIAL
COMMODITY CLASS—INK MATERIAL

SECTION 15: REGULATORY INFORMATION

REGULATORY LIST REFERENCE:

NOTE: WHEN NO COMPONENTS ARE SHOWN IN SPACE ABOVE THIS NOTE, NO FEDERAL OR STATE REPORTING REQUIREMENTS APPLY TO THIS PRODUCT. WHEN COMPONENTS ARE LISTED ABOVE, LIST NUMBERS SHOWN BELOW INDICATE APPLICABLE REGULATIONS.

LIST NUMBERS
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CA-CALIFORNIA PROPOSITION 65, DE-DELAWARE, ID-IDAHO, ME-MAINE, MA-MASSACHUSETTS, MI-MICHIGAN,
SARA 311/312 HAZARD CATEGORIES:

- **IMMEDIATE/ACUTE HEALTH HAZARD:** NO
- **CHRONIC/DELAYED HAZARD:** NO
- **FLAMMABLE:** NO
- **REACTIVITY HAZARD:** NO
- **OXIDIZER:** NO

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**Clean Water Act**
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**
**California Proposition 65**
This product does not contain any Proposition 65 chemicals

**SECTION 16: OTHER INFORMATION**

<table>
<thead>
<tr>
<th>LAST REVISION DATE</th>
<th>01/20/2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS RATINGS:</td>
<td>HEALTH: 1</td>
</tr>
<tr>
<td></td>
<td>Flammability: 1</td>
</tr>
<tr>
<td></td>
<td>Physical Hazard: 0</td>
</tr>
<tr>
<td></td>
<td>PERSONAL PROTECTION: F</td>
</tr>
</tbody>
</table>

**DISCLAIMER:**

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN. THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910, 1200 AND SUPSEDES ANY PREVIOUS INFORMATION. PREVIOUSLY DATED SHEETS ARE INVALID AND INAPPLICABLE.

END OF MSDS.
**SAFETY DATA SHEET**

**SECTION 1: PRODUCT IDENTIFICATION**

**PRODUCT NAME**
REACTIVE YELLOW 7

**Supplier**
Dharma Trading Co.
1805 S. McDowell Blvd. Ext.
Petaluma, CA 94954
Tel: 707-293-0390
Fax: 707-283-0379
Email: service@dharmatrading.com

Emergency number: Chemtrec (800) 424-9300

**SECTION 2: HAZARD IDENTIFICATION**

**Classification:**
Skin corrosion/irritation-------------------Category 2
Serious eye damage /eye irritation-------Category 2

**EMERGENCY OVERVIEW**

**signal word**
**WARNING**

**Hazard statements**:
H315 – Causes skin irritation
H319 - Causes serious eye irritation

**Appearance** powder  **Physical State** Powder  **Odor** None

**Precautionary statements**
P310 – Immediately call a POISON CENTER or doctor/physician
P302+ P352 – IF ON SKIN: Wash with plenty of soap and water
P321- Specific treatment (see supplemental first aid instructions on this label)
P332+ P313 –if skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 +P313 – If eye irritation persists: Get medical advice/attention

**Hazards Not Otherwise Classified (HNOC)**

**OTHER INFORMATION**

**Unknown Acute Toxicity**
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

**SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS**
SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR, GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

INGESTION: RINSE MOUTH. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE----- KEEP UNNECESSARY PEOPLE AWAY.ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

FIRE FIGHTING PROCEDURE-----DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.

FIRE FIGHTING EQUIPMENT----USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

STEPS TO BE TAKEN----- DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIALS AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SCrub SPILL AREA WITH DETERGENT, FLUSH WITH COPIOUS AMOUNT OF WATER.

WASTE DISPOSAL METHOD----- BURY OR INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINER REUSE METHOD----- CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY----- NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN----- ALWAYS WEAR IMPERVIOUS GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.
EYES----WEAR SIDE-SHIELD SAFETY GLASSES.

VENTILATION---- LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
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<tr>
<th>Property</th>
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</thead>
<tbody>
<tr>
<td>VAPOR PRESSURE</td>
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</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>N/A</td>
</tr>
<tr>
<td>VOLATILITY</td>
<td>N/A</td>
</tr>
<tr>
<td>FREEZE POINT</td>
<td>N/A</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>N/A</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>N/A</td>
</tr>
<tr>
<td>FLAMMABLE LIMITS</td>
<td>N/A</td>
</tr>
<tr>
<td>ODOR</td>
<td>NONE</td>
</tr>
<tr>
<td>APPEARANCE</td>
<td>POWDER</td>
</tr>
<tr>
<td>SPECIFIC GRAV.</td>
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</tr>
<tr>
<td>EVAP. RATE</td>
<td>N/A</td>
</tr>
<tr>
<td>Ph OF PRODUCT</td>
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</table>

SECTION 10: STABILITY AND REACTIVITY

STABILITY------- STABLE UNDER NORMAL CONDITIONS
CONDITIONS TO AVOID----- NONE KNOWN
INCOMPATIBLE MATERIALS-----UNKNOWN
HAZARDOUS DECOMPOSITION PRODUCTS--BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN, AND OTHER POTENTIALLY TOXIC FUMES.
HAZARDOUS POLYMERIZATION----- WILL NOT UNDERGO POLYMERIZATION.
CONDITIONS TO AVOID-----NONE KNOWN

SECTION 11: TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tr>
<td>ORAL LD50 (RAT)</td>
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<td>DERMAL LD50</td>
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<td>EYE EFFECTS (RABBIT)</td>
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<tr>
<td>SKIN EFFECTS (RABBIT)</td>
<td>NO DATA CURRENTLY AVAILABLE</td>
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<tr>
<td>MUTAGENICITY</td>
<td>NO DATA CURRENTLY AVAILABLE</td>
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<tr>
<td>INHALATION LC50</td>
<td>NO DATA CURRENTLY AVAILABLE</td>
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<tr>
<td>SKIN SENSITIZATION (GUINEA PIG)</td>
<td>NO DATA CURRENTLY AVAILABLE</td>
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<tr>
<td>RESPIRATORY SENSITIZATION</td>
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<td>ADDITIONAL TOXICITY DATA</td>
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</tr>
<tr>
<td>SUPPLEMENTAL TEST DATA</td>
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<tr>
<td>OTHER DATA</td>
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SECTION 12: ECOLOGICAL DATA

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<th>Property</th>
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<tr>
<td>BOD</td>
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<td>COD</td>
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<td>AQUATIC TOXICITY</td>
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<td>BIODEGRADABILITY</td>
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<tr>
<td>PERSISTENCE</td>
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<td>SEWAGE TREATMENT</td>
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<td>OTHER DATA</td>
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</tr>
<tr>
<td>SUPPLEMENTAL TEST DATA</td>
<td>NO DATA CURRENTLY AVAILABLE</td>
</tr>
</tbody>
</table>

Ecotoxicity
0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Toxicity to Algae no data available
Toxicity to Fish no data available
Toxicity to daphnia and other aquatic invertebrates

Persistence and Degradability No information available.
Bioaccumulation No information available.
Other Adverse Effects No information available.
SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

SECTION 14: SHIPPING AND TRANSPORTATION INFORMATION

DOT REGULATION (GROUND) — NOT REGULATED
IATA REGULATION (AIR) — NOT REGULATED
IMDG/IMO REGULATION (WATER) — NOT REGULATED

DOT HAZARD CLASS — NON-HAZARDOUS
DOT CLASSIFICATION — NON-HAZARDOUS MATERIAL
COMMODITY CLASS — INK MATERIAL

SECTION 15: REGULATORY INFORMATION

REGULATORY LIST REFERENCE:

NOTE: WHEN NO COMPONENTS ARE SHOWN IN SPACE ABOVE THIS NOTE, NO FEDERAL OR STATE REPORTING REQUIREMENTS APPLY TO THIS PRODUCT. WHEN COMPONENTS ARE LISTED ABOVE, LIST NUMBERS SHOWN BELOW INDICATE APPLICABLE REGULATIONS.

LIST NUMBERS
1 ACCIDENTAL RELEASE SUBSTANCE
2 CERCLA 304 HAZARDOUS SUBSTANCE (RQ)
3 RESERVED
4 CLEAN AIR ACT-SEC. 111 VOLATILE ORGANIC COMPOUNDS
5 CLEAN AIR ACT-SEC. 112 HAZ. AIR POLLUTANT (HAP, HAP CODE)
6 CLEAN AIR ACT-OZONE DEPLETING CHEMICAL (ODC)
7 CLEAN WATER ACT-RQ
8 CLEAN WATER ACT-PRIORITY POLLUTANT (PP) RQ
9 MARINE POLLUTANT (MP)
10 PSM HIGHLY HAZARDOUS CHEMICAL
11 RCRA HAZARDOUS WASTE (RCRA CODE)
12 SARA 302 EXTREMELY HAZARDOUS SUBSTANCE (EHS) (RQ)
13 SARA 313 TOXIC RELEASE INVENTORY (TRI) (TR CONC, TR THRESHOLD)
14 SOCMI CHEMICAL (CAA)
15 STATE LISTS
CA-CALIFORNIA PROPOSITION 65, DE-DELAWARE, ID-IDAHO, ME-MAINE, MA-MASSACHUSETTS, MI-MICHIGAN,
SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE/ACUTE HEALTH HAZARD: NO
CHRONIC/ DELAYED HAZARD: NO
FLAMMABLE: NO
REACTIVITY HAZARD: NO
OXIDIZER: NO

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

SECTION 16: OTHER INFORMATION

LAST REVISION DATE. 01/20/2014

HMIS RATINGS: HEALTH: 1 Flammability: 1 Physical Hazard: 0 PERSONAL PROTECTION: F

DISCLAIMER:

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END OF MSDS.
SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME--------- REACTIVE YELLOW 86

Supplier : Dharma Trading Co.
1805 S. McDowell Blvd. Ext.
Petaluma, CA 94954
Tel: 707-293-0390
Fax: 707-283-0379
Email: service@dharmatrading.com

Emergency number: (800) 424-9300

SECTION 2: HAZARD IDENTIFICATION

Classification:

Skin corrosion/irritation-------------------Category 2

Serious eye damage /eye irritation-------Category 2

EMERGENCY OVERVIEW

signal word
WARNING

Hazard statements : H315 – Causes skin irritation
H319 - Causes serious eye irritation

Appearance powder  Physical State Powder  Odor None

Precautionary statements

P310 – Immediately call a POISON CENTER or doctor/physician
P302+P352 – IF ON SKIN: Wash with plenty of soap and water
P321- Specific treatment (see supplemental first aid instructions on this label)
P332+P313 –if skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 +P313 – If eye irritation persists: Get medical advice/attention

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS
SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

INGESTION: RINSE MOUTH. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE----- KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

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FIRE FIGHTING EQUIPMENT-----USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

STEPS TO BE TAKEN----- DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIALS AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SCRUB SPILL AREA WITH DETERGENT, FLUSH WITH COPIOUS AMOUNT OF WATER.

WASTE DISPOSAL METHOD----- BURY OR INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINER REUSE METHOD----- CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY----- NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN------ ALWAYS WEAR IMPERVIOUS GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.
EYES----WEAR SIDE-SHIELD SAFETY GLASSES.

VENTILATION---- LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE--N/A    ODOR---NONE
VAPOR DENSITY---N/A    APPEARANCE--POWDER
VOLATILITY----- N/A    SPECIFIC GRAV-- N/A
FREEZE POINT--- N/A    EVAP. RATE--- N/A
MELTING POINT--N/A    PH OF PRODUCT—N/A
BOILING POINT--N/A    FLAMMABLE LIMITS--N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY------- STABLE UNDER NORMAL CONDITIONS
CONDITIONS TO AVOID----- NONE KNOWN
INCOMPATIBLE MATERIALS----UNKNOWN
HAZARDOUS DECOMPOSITION PRODUCTS---BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN, AND OTHER POTENTIALLY TOXIC FUMES.
HAZARDOUS POLYMERIZATION----- WILL NOT UNDERGO POLYMERIZATION.
CONDITIONS TO AVOID---NONE KNOWN

SECTION 11: TOXICOLOGICAL INFORMATION

ORAL LD50 (RAT) NO DATA CURRENTLY AVAILABLE
DERMAL LD50 NO DATA CURRENTLY AVAILABLE
EYE EFFECTS (RABBIT) NO DATA CURRENTLY AVAILABLE
SKIN EFFECTS (RABBIT) NO DATA CURRENTLY AVAILABLE
MUTAGENICITY NO DATA CURRENTLY AVAILABLE
INHALATION LC50 NO DATA CURRENTLY AVAILABLE
SKIN SENSITIZATION (GUINEA PIG) NO DATA CURRENTLY AVAILABLE
RESPIRATORY SENSITIZATION NO DATA CURRENTLY AVAILABLE
ADDITIONAL TOXICITY DATA NO DATA CURRENTLY AVAILABLE
SUPPLEMENTAL TEST DATA NO DATA CURRENTLY AVAILABLE
OTHER DATA NO DATA CURRENTLY AVAILABLE

SECTION 12: ECOLOGICAL DATA

BOD NO DATA CURRENTLY AVAILABLE
COD NO DATA CURRENTLY AVAILABLE
AQUATIC TOXICITY NO DATA CURRENTLY AVAILABLE
BIODEGRADABILITY NO DATA CURRENTLY AVAILABLE
PERSISTENCE NO DATA CURRENTLY AVAILABLE
SEWAGE TREATMENT NO DATA CURRENTLY AVAILABLE
OTHER DATA NO DATA CURRENTLY AVAILABLE
SUPPLEMENTAL TEST DATA NO DATA CURRENTLY AVAILABLE

Ecotoxicity
0% of the mixture consists of components(s) of unknown hazards to the aquatic environment
Toxicity to Algae no data available
Toxicity to Fish no data available
Toxicity to daphnia and other aquatic invertebrates
Persistence and Degradability No information available.
Bioaccumulation No information available.
Other Adverse Effects No information available.
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Waste treatment

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IATA REGULATION (AIR)—NOT REGULATED
IMDG/IMO REGULATION (WATER)—NOT REGULATED

DOT HAZARD CLASS——NON-HAZARDOUS
DOT CLASSIFICATION——NON-HAZARDOUS MATERIAL
COMMODITY CLASS——INK MATERIAL

SECTION 15: REGULATORY INFORMATION

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15 STATE LISTS
CA-CALIFORNIA PROPOSITION 65, DE-DELAWARE, ID-IDAHO, ME-MAINE, MA-MASSACHUSETTS, MI-MICHIGAN,
SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE/ACUTE HEALTH HAZARD: NO
CHRONIC/DELAYED HAZARD: NO
FLAMMABLE: NO
REACTIVITY HAZARD: NO
OXIDIZER: NO

SARA 313
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SECTION 16: OTHER INFORMATION

LAST REVISION DATE: 01/20/2014

HMIS RATINGS: HEALTH: 1 Flammability: 1 Physical Hazard: 0 PERSONAL PROTECTION: F

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END OF MSDS.