



SDS

SAFETY DATA SHEET

RUPERT, GIBBON & SPIDER PO BOX 425, HEALDSBURG CA, 95448 TEL: (707) 433-9577 FAX: (707) 433-4906

Date: 01/12/2018

SECTION 1. IDENTIFICATION

Product name: Permanent Dyeset Concentrate
Product number: JAC1762, JAC2762, JAC3762
Formula: Mixture
Chemical family: Polymer in aqueous dispersion
Synonyms: Dye fixative

Recommended use of the chemical and restrictions on use

Recommended use: Textile auxiliary – fixative for dye.
Recommended restrictions on use: unknown

Manufacturer: Rupert, Gibbon & Spider, Inc.

Manufacturer Address: 1147 Healdsburg Avenue
Healdsburg CA 95448

Number: 800-442-0455

Emergency Number: CHEMTREC (24HR Emergency Telephone),
call: 1-800-424-9300
International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 800-442-0455

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Skin sensitization : Category 1

Carcinogenicity : Category 2

Specific target organ toxicity : Category 1
-single exposure

GHS Label element

Hazard pictograms :



Signal word : Danger



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Hazard statements : H317 May cause an allergic skin reaction
H351 Suspected of causing cancer
H370 Causes damage to organs

Precautionary statements

Prevention:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust fume/ gas/ mist! vapours/ spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves.
P281 Use personal protective equipment as required.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P307 + P311 IF exposed: Call a POISON CENTER or doctor/ physician.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
Methanol	67-56-1	< 1.5
Formaldehyde	50-00-0	< 0.375



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SECTION 4. FIRST AID MEASURES

If inhaled	Move the victim to fresh air. Give oxygen or artificial respiration if needed. Get immediate medical advice/ attention. Never give anything by mouth to an unconscious person.
In case of skin contact	Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.
In case of eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation develops and persists.
If swallowed	If victim is conscious and able to swallow, quickly have victim drink water or milk to dilute. Do not give sodium bicarbonate, fruit juices, or vinegar. Never give anything by mouth if victim is unconscious or having convulsions. Induce vomiting only if advised by physician or poison control center. Call physician or poison control center immediately.
Most important symptoms and effects, both acute and delayed	The possible symptoms known are those derived from the labelling (see section 2). No additional symptoms are known
Notes to physician	None known.



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SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical
Water spray
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : Thermal decomposition may produce oxides of carbon, nitrogen and sulfur.
- Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.



SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Contain spill. Small spills may be flushed to the sewer or absorbed on suitable absorbants. Larger spills should be collected as liquid or absorbed. Clean-up may be accomplished by flushing with water if appropriate or remove contaminated soils. Place in appropriate containers.

Methods and materials for containment and cleaning up:

Pick up with absorbent material (eg sand, sawdust). Rinse away rest with water.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Avoid contact with skin and eyes.

Conditions for safe storage : Keep container closed



SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

CAS-No.	Components	Value type (Form of exposure)	Control parameters/ Permissible concentration	Basis
67-56-1	Methanol	TWA	200 ppm	ACGIH
	Further information: Headache, Nausea, Dizziness, Eye damage, Substances for which there is a Biological Exposure Index or Indices (see BEI® section), Danger of cutaneous absorption			
		STEL	250 ppm	ACGIH
	Further information: Headache, Nausea, Dizziness, Eye damage, Substances for which there is a Biological Exposure Index or Indices (see BEI® section), Danger of cutaneous absorption			
		TWA	200 ppm 260 mg/m3	NIOSH REL
	Further information: Potential for dermal absorption			
		ST	250 ppm 325 mg/m3	NIOSH REL
	Further information: Potential for dermal absorption			
		TWA	200 ppm 260 mg/m3	OSHA Z-1
	Further information: The value in mg/m3 is approximate.			
		TWA	200 ppm 260 mg/m3	OSHA PO
	Further information: Skin notation			
		STEL	250 ppm 325 mg/m3	OSHA PO
50-00-0	Further information: Skin notation			
	Formaldehyde	C	0.3 ppm	ACGIH
	Further information: Eye & Upper Respiratory Tract irritation, Suspected human carcinogen, Sensitizer			
		TWA	0.016 ppm	NIOSH REL
	Further information: Potential Occupational Carcinogen, See Appendix A			
		C	0.1 ppm	NIOSH REL
	Further information: Potential Occupational Carcinogen, See Appendix A, 15 minute ceiling value			
		TWA	0.016 ppm (Formaldehyde)	NIOSH REL
	Further information: Potential Occupational Carcinogen, Formalin is an aqueous solution that is 37% formaldehyde by weight; inhibited solutions usually contain 6-12% methyl alcohol. Also see specific listings for Formaldehyde and Methyl alcohol., See Appendix A			



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		C	0.1 ppm (Formaldehyde)	NIOSH REL
		Further information: Potential Occupational Carcinogen, Formalin is an aqueous solution that is 37% formaldehyde by weight; inhibited solutions usually contain 6-12% methyl alcohol. Also see specific listings for Formaldehyde and Methyl alcohol., See Appendix A, 15 minute ceiling value		

Engineering measures: Local ventilation recommended- mechanical ventilation may be used

Personal protective equipment

Respiratory protection : NIOSH approved respirator- chemical cartridge respirator with appropriate cartridge, if required.

Hand protection

Remarks : Butyl Rubber, PVC or Neoprene.

Eye protection : Tightly fitting safety goggles

Skin and body protection : Wear suitable protective equipment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	amber
Odour	like acetic acid, weakly
Odour Threshold	not determined
pH	2.5-4.5
Melting point/Freezing point	not determined
Boiling point & boiling range	approx. 212 °F / 100 °C
Flash point	> 200 °F / 93 °C Method: TCC
Evaporation rate	not determined
Flammability (solid, gas)	not applicable
Upper explosion limit	not tested.
Lower explosion limit	not tested.



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Vapour pressure	not determined
Relative vapour density	not determined
Relative Density	not determined
Solubility(ies)	
Water solubility	completely soluble
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not tested.
Decomposition temperature	no data available
Viscosity	
Viscosity, dynamic	not determined
Viscosity, kinematic	not determined
Impact sensitivity	not determined

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No dangerous reaction known under conditions of normal use.
Chemical stability	Stable
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use. Stable
Conditions to avoid	Oxidizer Alkalis
Incompatible materials	Oxidizing agents Alkalis
Hazardous decomposition products	When handled and stored appropriately, no dangerous decomposition products are known



SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Eye contact
Skin contact
Ingestion
Inhalation
Skin Absorption

Acute toxicity**Product:**

Acute oral toxicity	LD50 (rat): Remarks: not tested. Acute toxicity estimate: 4,000 mg/kg Method: Calculation method
Acute inhalation toxicity	Acute toxicity estimate: > 40 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Acute dermal toxicity	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method

Components:

67-56-1: Acute oral toxicity	LDO (Humans): 428 mg/kg
50-00-0: Acute oral toxicity	LD50 (rat): 800 mg/kg
Carcinogenicity	
IARC	Listed
OSHA	Listed
NTP	Listed

Experience with human exposure**Product:**

General Information	The possible symptoms known are those derived from the labelling (see section 2).
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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

67-56-1:

Toxicity to fish LC50 (Oncorhynchus mykiss (rainbow trout)): 19,000 mg/1
Exposure time: 96 h

Toxicity to daphnia and other LC50: > 10,000 mg/1
aquatic invertebrates Exposure time: 24 h

Toxicity to bacteria IC50 (activated sludge): > 1,000 mg/1
Exposure time: 3 h

Persistence and degradability

Components:

67-56-1:

Biodegradability Exposure time: 28 d
Method: OECD Test Guideline 301D

Bioaccumulative potential

Components:

67-56-1:

Bioaccumulation Remarks: Due to the low logPow bioaccumulation is not expected

Partition coefficient: n-octanol/water log Pow: -0.77

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information, no data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

RCRA- Resource Conservation and Recovery Authorization Act No - Not as sold.

Waste Code None

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Waste from residues Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or landfilled after solidification in permitted systems.

SECTION 14. TRANSPORT INFORMATION

DOT not restricted
IATA not restricted
IMDG not restricted

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Table with 4 columns: Components, CAS-No., Component RQ (lbs), Calculated product RQ (lbs). Row 1: Formaldehyde, 50-00-0, 100, 20000

SARA 311/312 Hazards Acute Health Hazard
Chronic Health Hazard

SARA 302 The following components are subject to reporting levels established by SARA Title III, Section 302:

50-00-0 Formaldehyde < 0.375%

SARA313 This product contains toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right- To-Know Act of 1986 and 40 CFR372. Any such toxic chemical(s) are shown below. This information must be included in all MSDS's that are copied and distributed for this material.

Methanol 67-56-1 < 1.5%
Formaldehyde 50-00-0 < 0.375%

CA Proposition 65 This product contains a chemical known to the state of California to cause cancer.

Methanol 67-56-1 < 1.5%
Formaldehyde 50-00-0 < 0.375%



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Clean Water Act

Contains no known priority pollutants at concentrations greater than 0.1%.

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZioC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information

This product has not been evaluated for FDA regulatory requirements. Revision Date : 01/03/2018

The information contained in this SDS is based on data from sources considered to be reliable but Rupert, Gibbon & Spider, Inc. does not guarantee the accuracy or completeness thereof. Rupert, Gibbon & Spider Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.

US/EN