

Colorhue

MSDS No: JAC4770 **Effective Date:** 6/16/04 **Amendatory Date:** 10/9/7

1. Product Identification

Product Code: JAC4770

2. Composition/Information on Ingredients

Ingredients	%	EINECS-No	CAS No.
Acetic Acid	17	200-580-7	64-19-7

3. Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Miscible (20 C)

Appearance & Odor: Blue liquid with a strong vinegar smell

Density: 1000-1200 Kg/m³

Bulk Density: 100-1200 Kg/m³

Solubility in other solvents: Miscible with Acetic Acid

pH value: 2+/- without dilution

Octanol/water partition coefficient (log P_{ow}): <0.1

Specific Gravity: N/A

Melting Point: N/A

Evaporation Rate: N/A

4. Fire & Explosion Data

Flash Point: >205 F (PMCC)

Auto Ignition: N/A

Extinguishing Media: Water, dry chemical, CO₂, foam

Special Fire Procedures: Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating fumes.

Unusual Hazards: In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. For small fires, use dry chemical, CO₂ or water spray. For large fires, use dry chemical, CO₂, alcohol-resistant foam or water spray. Move containers from fire area if you can do it without risk. Dike fire control water for later disposal; do not scatter the material. Fire involving tanks or car/trailer loads; fight fire from maximum distance or use unmanned hose holders or monitors nozzles. Do not get water inside containers.

5. Reactivity Data

Stable: Stable

Conditions to Avoid: None known

Incompatibility: None Known

Hazardous Decomposition: Like any other organic product combustion will produce Carbon monoxide. Oxides of Nitrogen and Sulfur may also be produced.

Hazardous Polymerization: N/A

6. Health Effects Data

Animal Toxicity Oral-LD50 (Indigestion): No data

Fish, LC50:

LC 0% (48 h) = 1ppm

LC 50% (48 h) = 1.4ppm

LC50% (96 h) = 1.64ppm

LC 100% (48 h) 1.8ppm

Daphnia Toxicity: IC 350 48 h = 1.4 ppm

Biodegradability: = 97.5% 28 days

Log Pow: <0.1

Further Ecological Information: COD-Value 2.04 gO₂/g

BOD5-Value: <0.1 gO₂/g

WGK Class (Germany): 2. Toxic to Aquatic Organisms

Eye Effects: Rabbit: Eyes: Severe irritant

Skin Effects: Rabbit: Skin: Does not produce skin irritant on rabbit

Human Effects of Overexposure: Contact with eyes and skin may result in irritation. Ingestion may result in gastric disturbances. Inhalation may cause respiratory irritation.

Carcinogenic: Material is a listed Carcinogen

7. Employee Protection Recommendations:

Eye Protection: Employees should wear protective eye goggles

Skin Protection: This material may be absorbed via the dermal route if prolonged or widespread skin contact occurs. Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, rubber gloves and boots are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Use local ventilation if dusting is a problem

Other: Emergency showers and eye wash stations should be available.

8. Emergency & First Aid Procedures

Inhalation: if inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

Eyes: Wash immediately with large amounts of water, occasionally lifting the upper and lower lids until no evidence of product remain. Get medical attention. Do not wear contact lenses while handling.

Skin: Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.

Ingestion: If swallowed, do not induce vomiting. Qualified medical personnel should remove the product by gastric leakage and catharsis. Get medical attention.

9. Special Precautions & Spill/Leak Procedures

Handling & Storage: Store in a dry place, away from excessive heat, in original or similar waterproof container. Reseal container immediately after use. Avoid unnecessary contact. Call emergency number or shipping paper. Isolate spill or leak area immediately for at least 25 to 50 meters (80 to 60 feet) in all directions. Keep unauthorized persons away. Stay upwind. Keep out of low areas. Ventilate enclosed areas.

Steps if Spilled: Do not touch or walk through the spilled material: stop leak if you can do it without risk. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch damaged container or spilled material unless wearing

appropriate protective clothing. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry material and transfer to containers. Do not get water inside containers.

Waste Disposal: Waste disposal should be in accordance with existing federal, state and local environmental regulations. Material is a marine pollutant.

10. Special Protection Information

Respiratory Protection: NIOSH approved dust respirator

Ventilation: Use local ventilation if dusting is a problem.

Skin Protection: This material may be absorbed via the dermal route if prolonged or widespread skin contact occurs. Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, rubber gloves and boots are recommended. Additional protection, such as impervious suits, are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work.

Eye Protection: Employees should wear protective eye goggles.

Other Protection: Emergency showers and eyewash stations should be available.

Work/Hygienic Practices: N/A

11. Shipping Data

Proper Shipping Name: Dyes, Liquid, Corrosive, N.O.S. (Contains acetic acid)

D.O.T Hazard Classification: UN2801

Fr. Class Package: 8

Packing Group: PGII

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