

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if Material is Spilled or Released: Absorb spill with inert solids; sweep up and dispose of in accordance with federal, state, and local regulations.

7. HANDLING AND STORAGE

Handling—no special requirements. **Storage**—store in a cool, well-ventilated area in sealed containers. Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Use in a well-ventilated area. Use with adequate dilution ventilation. Avoid breathing mist.

RESPIRATORY PROTECTION: Avoid prolonged breathing of mist.

SKIN PROTECTION: Wear appropriate gloves when handling this material. Use neoprene, rubber, or other chemical resistant gloves. Wear appropriate clothing.

EYE PROTECTION: Avoid eye contact. Wear safety glasses when possibility of eye contact exists.

OTHER PRECAUTIONS: Keep out of the reach of children. Keep container tightly closed.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, orange liquid,

ODOR: no scent

PHYSICAL STATE: Liquid

BOILING POINT: Not determined

FREEZING POINT: < 0° F

SOLUBILITY IN WATER: Yes, miscible

% VOLATILES: None

Vapor Pressure (mm Hg): < 1.0

Vapor Density (Air=1): >1

Evaporation Rate (Water=0.3): N.D.

Specific Gravity (Water=1): 1.300

pH (Concentrate): 11.5 ± 0.5

pH (Use Dilution): N.A.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

CONDITIONS TO AVOID: Avoid excessive heat and open flames.

INCOMPATIBILITY WITH OTHER MATERIALS: Avoid chlorine, fluorine, and other strong oxidizers such as bleach as well as strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to: aldehydes, carbon monoxide, and carbon dioxide. Thermal decomposition releases corrosive fumes of Acrolein.

HAZARDOUS POLYMERIZATION: Has not been reported to occur under normal temperatures and pressures.

11. TOXICOLOGICAL INFORMATION

Health Hazards (Acute and Chronic): Irritation of eyes, skin, throat, and gastrointestinal tissues if swallowed

Signs and Symptoms of Exposure:

EYE: May cause minor transient eye irritation.

SKIN CONTACT: A single, prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

INGESTION: Single dose oral toxicity is low. Amounts ingested incidental to industrial handling are not likely to cause injury, however, ingestion of larger amounts may cause injury. Signs and symptoms of excessive exposure may be central nervous system effects and increased blood sugar levels.

INHALATION: Inhalation of mist may cause respiratory irritation.

SUBCHRONIC EFFECTS/CARCINOGENICITY: None known. Ingredients are not listed as carcinogens or potential carcinogens by IARC, NTP, OSHA, or ACGIH.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Comply with all local, state and federal regulations. Consult your state DNR or the EPA for specific questions. Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material.

14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT): Not Classified

15. REGULATORY INFORMATION

FOOD CONTACT STATUS: **FDA**—Glycerin, the primary ingredient of this product, is approved for use by the FDA under the following sections of 21 CFR: Part 182.1320 as Generally Recognized as Safe (GRAS) when used in accordance with the specifications of this subpart.

16. OTHER INFORMATION

DISCLAIMER.

Although reasonable care has been taken in the preparation of the information contained here in the originator and **ACS INDUSTRIES INC** extends no warranties, makes no representation and assumes no responsibility as to the accuracy of suitability of such information for application to the purchaser's intended purposes or for consequences of its use.

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