



Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: Cleaning Solution

Product code: CDP-110

2. COMPOSITION/INFORMATION ON INGREDIENTS

Distilled Water 99%

Polyoxyethylene (4) Lauryl 1%

CAS# 9002-92-0

3. HAZARDS IDENTIFICATION

General:

Limited toxicity data are available on this specific product; this health hazard assessment is based on the results of screening tests.

Emergency Overview:

Appearance: Colorless to pale yellow liquid ; (may become hazy or form a precipitate)

CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. MAY CAUSE LOCAL EYE ANESTHESIA.

Routes of exposure:

Eye contact; skin contact; Inhalation symptoms of overexposure (Acute & Chronic):

Eye contact:

This material will probably irritate human eyes following contact. Contact with this material may cause eye anesthesia.

Skin contact:

This material may irritate human skin.

This product will probably not be absorbed through human skin..

Inhalation:

High concentrations of mists or aerosols may irritate respiratory passages. Not toxic effects are known to be associated with inhalation of this material.

Ingestion:

This material is not likely to cause irritation upon ingestion. No toxic effects are expected following ingestion of this product.

4. FIRST AID

EYE:

Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a Burning sensation develops, have eyes examined and treated by medical personnel.

SKIN:

Wash material off of the skin with plenty of soap and water. If redness, itching, or a Burning sensation develops, get medical attention.

INGESTION:

Do not induce vomiting. Give one or two glasses of water to drink and refer to medical Personnel or take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

INHALATION:

Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult Medical personnel.

NOTES TO PHYSICIAN:

Exposed subject may not be aware of eye injury after exposure to this material.

5. FIRE FIGHTING MEASURES

Flashpoint and method: > 300F, 149C, (C.O.C)

Auto-ignition temperature: No data.

Flammable limits (LFL/UEL): No data.

Extinguishing media:

Water fog, alcohol foam, carbon dioxide, dry chemical, halogenated agents.

Special fire-fighting protective equipment:

Self-contained breathing apparatus with full facepiece and protective clothing.

Unusual fire and explosion hazards:

None known.

Explosion data:

Sensitivity to mechanical impact: Not applicable

Sensitivity to static discharge: Not applicable

6. ACCIDENTAL, RELEASE MEASURES

Refer to Section 8 for proper personnel protective equipment.

Steps to be taken in case material is released or spilled:

Soak up material with absorbent and shovel into a chemical waste container.

Wash residue from spill area with water and flush to a sewer serviced by a permitted wastewater treatment facility.

7. HANDLING AND STORAGE

Storage requirements: 50-90 def F in original closed container.

Precaution to take during handling and storage:

Prevent skin and eye contact.

Avoid breathing this material.

Normal chemical handling and storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits:

No ACGIH TLV or OSHA PEL assigned. Minimize exposure in accordance with good hygiene practice.

Engineering controls:

Use ventilation adequate to maintain safe levels.

Eye protection:

Chemical tight goggles.

Protective clothing:

Impervious gloves

Respiratory protection:

Not normally needed if controls are adequate.

Other protective equipment:

Eyewash station in work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance & odor: Colorless to pale yellow liquid; (may become hazy or form a precipitate)

Odor threshold: No data

Boiling point: >212 deg.F, 100 deg.C

Melting point: ~35 deg.F, 1.67 deg.C

Vapor pressure (mm Hg at 20 deg. C): No data

Vapor density (air=1): No data

Solubility in water: Dispersible

pH: No data

Specific gravity: 0.95

% Volatile by volume: No data

Cloud point: No data

Viscosity: ~30@25 deg.C, cp

Partition Coefficient: No data

Coefficient of water/oil distribution : No data

Freezing point: No data

10. STABILITY AND REACTIVITY

Stability:

Stable under normal conditions.

Incompatibility:

Oxidizing agents.

Conditions to avoid:

None known.

Hazardous decomposition products:

Combustion products: Carbon dioxide, carbon monoxide.

Hazardous polymerization:

Will not occur.

11. TOXICOLOGICAL INFORMATION

The toxicity data listed below are based on the results of screening tests on this specific product.

Eye contact:

This material is moderately irritating in rabbit eye irritation studies. A similar degree of Irritation will probably occur after human eye contact. A 50% suspension of this material was tested. This material produced local eye anesthesia in rabbits.

Skin contact:

This material was slightly irritating in rabbit dermal irritation studies. A similar degree of Irritation in expected after human contact. This material was not a skin sensitizer in human patch tests.

Acute oral toxicity: The oral LD50 is between 5 and 15 g/kg. This material is classified as “practically nontoxic” by ingestion.

Carcinogenicity: This material is not listed as a carcinogen by OSHA, IARC, and NTP.

Reproductive toxicity/ Teratogenicity: No available information.

Mutagenicity: No available information.

Toxicologically synergistic products: None known.

12. ECOLOGICAL INFORMATION

No data is available on this product.

13. DISPOSAL CONSIDERATIONS

Disposal method:

Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

Container disposal:

Empty container retains product residue. Observe all hazard precautions. Do not

Distribute, make available, furnish or reuse empty container

Except for storage and shipment of original product. Remove all product residue

From container and puncture or otherwise destroy empty container before disposal.

14. TRANSPORT INFORMATION

Department of Transportation:

Not regulated.

TDG (Transportation of Dangerous Goods):

Not regulated.

15. REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulations, 40 CER 710:

All ingredients are on the TSCA Chemical Substance Inventory.

DSL (Canadian Domestic Substances List):

All ingredients are listed on the Canadian DSL.

OSHA Hazard Communication Standard, 29 CFR 1910.1200, Hazard Summary:

Physical Hazards: None.

Health Hazards: Irritant (eye); Causes eye anesthesia.

WHMIS Classification:

Class D, Division 2 – Toxic(CPR 54-58)

CERCIA and SARA Regulations (40 CFR 355, 370, and 372):

This material contains the following chemicals subject to the reporting requirements of SARA 313:

*** NO SARA 313 CHEMICALS FOR THIS CHEMICAL***

SARA 311/312 Hazard Categories:

Immediate: YES

Delayed: NO

Fire: NO

Pressure: NO

Reactivity: NO

16. OTHER INFORMATION

HMIS Information:

Health 1

Flammability 1

Reactivity 0

NFPA Information:

Health 1

Flammability 1

Reactivity 0