

Precautionary Statements – Disposal

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

Hazards not otherwise classified (HNOC)

Not Applicable

Other Information

Unknown Acute Toxicity

3. Composition/Information on Ingredients

Based on our hazard evaluation, the following chemical substances have been identified as hazardous.

| Chemical Name | CAS No. | Weight % |
|------------------------|------------|----------|
| Cocamidopropyl Betaine | 61789-40-0 | 3-7% |
| Glycerin | 56-81-5 | 1-5% |

4. FIRST AID MEASURES**First aid measures****Eye Contact**

Flush with copious amounts of water immediately. Hold eye(s) open and rinse slowly and gently with water for 15-20 minutes. Removed contact lenses, if present, after first 5 minutes, then continue rinsing eye(s). If eye irritation persists, get medical advice/attention.

Skin Contact

None anticipated under foreseeable use conditions. Prolonged or repeated skin contact with this product may cause irritation in sensitive individuals. Get medical attention if irritation develops.

Inhalation

None expected under foreseeable conditions.

Ingestion

Do not induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Call physician.

Most important symptoms and effects, both acute and delayed**Most Important Symptoms and Effects**

See Section 11 for information.

Indication of any immediate medical attention and special treatment needed**Notes to Physician**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Water spray (fog), Carbon dioxide (CO₂), Foam.

Unsuitable extinguishing media

No Information available.

Explosion Data

| | |
|----------------------------------|------|
| Sensitivity to Mechanical Impact | None |
| Sensitivity to Static Discharge | None |

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. Cool containers with flooding quantities of water until well after fire is out..

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| | |
|--------------------------|--|
| Personal Precautions | Use personal protection recommended in Section 8. Ensure adequate ventilation, especially in confined areas. |
| For emergency responders | Isolate area. Keep unnecessary personnel away. |

Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for Containment | Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see Section 13). |
|--------------------------------|---|

| | |
|--------------------------------|---|
| Methods for Cleaning Up | Soak up with inert absorbent material. Clean up spillage with brush and shovel. Sweep up ; shovel into suitable containers for disposal. Following product recovery, flush area with water. |
|--------------------------------|---|

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Store in a cool, dry place, keep away from heat. Keep away from heat, sparks, and flames. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Use only in well-ventilated areas. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Store between 40 to 100°F.

Incompatible materials Heat, sparks, open flame, other ignition sources. Keep away from hypochlorite acid and strong oxides.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Ingredient | CAS Number | Exposure Limit |
|------------|------------|------------------------------------|
| Glycerin | 56-81-5 | OSHA PEL-TWA: 15 mg/m ³ |

Appropriate engineering controls

Engineering Controls Showers, eyewash stations, Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear safety glasses with side shields (or goggles).

Skin and Body Protection Wear protective Neoprene™ gloves. Rubber gloves. Normal work clothing (long sleeved shirt and long pants is recommended).

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators maybe required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing and shoes before reuse. Do not Eat, Drink, or Smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| | | | |
|---|-------------------------|-------------------------------|--------------------------|
| Physical State | Liquid | Odor | Mild Odor |
| Appearance | <i>Aqueous solution</i> | Odor Threshold | No information available |
| Color | White | | |
| <u>Property</u> | <u>Values</u> | <u>Remarks/ Method</u> | |
| pH | 6.0-8.0 | ±1 @ 21°C | |
| Melting/freezing point | No data available | None known | |
| Boiling point / boiling range | 212°F | None known | |
| Flash Point | No data available | None known | |
| Evaporation rate | Not Available | None known | |
| Flammability (solid, gas) | No data available | None known | |
| Flammability Limits in Air | | | |
| Upper flammability limit | No data available | None known | |
| Lower flammability limit | No data available | None known | |
| Vapor pressure | No data available | None known | |
| Vapor density | No data available | None known | |
| Specific Gravity | 1.0 | None known | |
| Water Solubility | Soluble in water | None known | |
| Solubility in other solvents | No data available | None known | |
| Partition coefficient: n-octanol/water | No data available | None known | |
| Autoignition temperature | No data available | None known | |
| Decomposition temperature | No data available | None known | |
| Kinematic viscosity | No data available | None known | |
| Dynamic viscosity | No data available | None known | |

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Heat, flames and sparks extreme temperature conditions.

Incompatible materials

Heat, sparks, open flames, other ignition sources.

Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO₂)

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|--|
| Inhalation | Inhalation of vapors in high concentration may cause irritation of respiratory system. |
| Eye Contact | No irritant under normal use. |
| Skin Contact | No irritant under normal use. |
| Ingestion | None expected under foreseeable conditions. |

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 | Not Information Available |
| Reproductive toxicity | No Information Available |
| STOT single exposure | No Information Available |
| STOT repeated exposure | No Information Available |
| Aspiration hazard | No Information Available |

Numerical measures of toxicity – Product Information

Unknown Acute Toxicity No Information Available

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------|-------------|------------------|----------------------------------|
| Glycerin 56-81-5 | 12600 mg/kg | >10g/kg (Rabbit) | > 570 mg/m ³ (Rat) 1H |

12. ECOLOGICAL INFORMATION

The product ingredients are expected to be safe for the environment at concentration predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices. Additional information is available from the address listed in Section 1 upon request.

Persistence and Degradability

No information available.

Mobility

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Dispose of in accordance with all applicable regional, national, and local laws and regulations.

Contaminated Packaging

Dispose of in accordance with all federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT

Non Hazardous

IATA

Non Hazardous

15. REGULATORY INFORMATION

Chemical Inventories

| | |
|---------------|----------|
| TSCA | Complies |
| DSL/NDSL | Complies |
| EINECS/ELINCS | Complies |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

U.S. 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

| | |
|-----------------------------------|----|
| Acute Health Hazard | No |
| Chronic Health Hazard | No |
| Fire Hazard | No |
| Sudden Release of pressure Hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

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

CERCLA

This material, as supplied, does not contain any substance regulated as a hazardous substance under the Comprehensive Environment Response Compensation and Liability Act (CERCLA)(40CFR 302) or the Superfund Amendments and Reauthorization Act (SARA)(40CFR 355)

US State Regulations California Proposition 65

This product does not contain any Proposition 65 chemicals.

While this finished product is not considered hazardous as defined by OSHA in 29 CFR 1910.1200(d), this SDS contains valuable information critical to the safe handling and proper use of the product.

16. OTHER INFORMATION

| | | | |
|--------------------|----------------------|---------------------|-------------------------|
| <u>HMIS</u> | Health Hazard | Flammability | Physical Hazards |
| | 1 | 0 | 0 |

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General Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet