

ACP-146 – Lo Suds Glassware Cleaner

Date: 9/10/2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Lo Suds Glassware Cleaner

Other Means of Identification

Product Code ACP-146

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Machine Dishwashing

Details of the Supplier of the Safety Data Sheet

Manufacturer Address Arrow Chemical Products, Inc.
5933 W. KL Ave
Kalamazoo, MI 49009

Emergency Telephone Number

Company Phone Number 313-237-0277
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Signal Word NONE

Hazard Statements

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance: Blue liquid

Physical State: Liquid

Odor: Detergent

Precautionary Statements - Prevention

Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Do not breathe dust/fume/gas/mist/vapors/spray

Precautionary Statements – Response

IF IN EYES: Flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation occurs or persists.

IF ON SKIN (or hair): Rinse skin with water/shower. Consult a physician if irritation occurs or persists.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF SWALLOWED: Call a POISON CENTER or doctor/physician. Drink a large quantity of water if able. Do NOT induce vomiting. If possible, do not leave individual unattended.

Precautionary Statements - Storage

Keep container tightly closed.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|---|------------|----------|
| Isopropyl Alcohol | 67-63-0 | 0 - 5 |
| Alcohols, C6-10, ethoxylated propoxylated | 68987-81-5 | 0 - 5 |
| Ethylenediaminetetraacetic acid, tetrasodium salt | 64-02-8 | 0 - 5 |

4. FIRST AID MEASURES

First Aid Measures

- Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If irritation persists or if contact has been prolonged, seek medical attention.
- Eye Contact** Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if irritation occurs or persists.
- Ingestion** Drink plenty of water. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician for advice.
- Skin Contact** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If irritation occurs or persists, seek medical attention.

Most Important Symptoms and Effects, both Acute and Delayed

- Symptoms** May cause eye and skin irritation.

Indication of any Immediate Medical Attention and Special Treatment Needed

- Note to Physicians** Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use water or other extinguishing measures that are appropriate to local circumstances and the surrounding environment.

- Unsuitable Extinguishing Media** None known.

Specific Hazards Arising from the Chemical

None known

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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so. Wipe up small spills. Large spills: Collect using an inert absorbent material and place in appropriate containers for disposal. Prevent entry into waterways, sewer, basements or confined areas.

Methods for Cleaning Up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Store in a cool dry well-ventilated place. For industrial and commercial use only. KEEP OUT OF THE REACH OF CHILDREN.

Incompatible Materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|------------------------------|--------------|----------|------------|
| Isopropyl alcohol 67-63-0 | TWA: 400 ppm | - | - |

Appropriate Engineering Controls

Engineering Controls Good general ventilation should be sufficient for most conditions.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Splash goggles or safety glasses.

Skin and Body Protection Rubber gloves or other impervious gloves.

Respiratory Protection Room ventilation is expected to be satisfactory where this product is used.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

| | | | |
|------------------------------|----------------------|--------------------------------|----------------|
| Physical State | Liquid | Odor | Detergent |
| Appearance | Blue liquid | Odor Threshold | Not determined |
| Color | Blue | | |
| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> | |
| pH | 9.0 – 11.0 | | |
| Melting Point/Freezing Point | Not available | | |
| Boiling Point/Boiling Range | Not Determined | | |
| Flash Point | 200° F | | |
| Evaporation Rate | <1 | Water = 1 | |
| Flammability (Solid, Gas) | Not applicable | | |
| Upper Flammability Limits | Not determined | | |
| Lower Flammability Limit | Not determined | | |
| Vapor Pressure | Not determined | | |
| Vapor Density | Not determined | | |
| Specific Gravity | 0.99 | | |
| Water Solubility | Soluble | | |
| Solubility in Other Solvents | Not determined | | |
| Partition Coefficient | Not determined | | |
| Auto ignition Temperature | Not determined | | |
| Decomposition Temperature | Not determined | | |
| Kinematic Viscosity | Not determined | | |
| Dynamic Viscosity | Not determined | | |
| Explosive Properties | Not determined | | |
| Oxidizing Properties | Not determined | | |

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Incompatible with strong oxidizing agents.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation

May cause irritation.

Eye Contact May cause irritation.

Skin Contact May cause skin irritation.

Ingestion May cause gastrointestinal discomfort. Do not taste or swallow.

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|------------------------------|--------------------|------------------------|-----------------|
| Isopropyl Alcohol 67-63-0 | 5050 mg/kg (Rat) | 12800 mg/kg (Rabbit) | |

Information on Physical, Chemical and Toxicological Effects

Symptoms Ingestion may cause gastrointestinal discomfort. Mists and vapors may cause irritation of the eyes.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity Not classified as a carcinogen per GHS criteria. Not classified as a carcinogen by NTP, IARC, or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|------------------------------|----------------------|----------------------------|----------------------------|-------------------------|
| Isopropyl Alcohol 67-63-0 | - | 9640 mg. L 96 h /L LC50 | | 1400 mg/ L / 48 EC50 |

Persistence and Degradability

Biodegradable

Bioaccumulation

Potential for bio-concentration in aquatic organisms is low.

Mobility

Expected to have high mobility in soil.

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

| | |
|-------------|---|
| Note | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| DOT | Not regulated |
| IATA | Not regulated |
| IMDG | Not regulated |

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

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

US Federal Regulations

SARA 313
 No ingredients are listed.

US State Regulations

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|------------------------------|------------|---------------|--------------|
| Isopropyl Alcohol 67-63-0 | X | | X |

16. OTHER INFORMATION

| | | | | |
|-------------|-----------------------|---------------------|-------------------------|----------------------------|
| NFPA | Health Hazards | Flammability | Instability | Special Hazards |
| | 1 | 0 | 0 | Not determined |
| HMIS | Health Hazards | Flammability | Physical Hazards | Personal Protection |
| | 1 | 0 | 0 | B |

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