



COMPLETE CLEANING SOLUTIONS

# SAFETY DATA SHEET

ACP-351 – Aro-San Instant Hand Sanitizer

Date: 9/11/2024

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

**Product Name** Aro-San Instant Hand Sanitizer

**Other Means of Identification**

**Product Code** ACP-351

**Recommended Use of the Chemical and Restrictions on Use**

**Recommended Use** General purpose antibacterial hand soap. Ready-to-Use

**Details of the Supplier of the Safety Data Sheet**

**Manufactured for 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**

Serious Eye Damage/Eye Irritation	Category 2A
Flammable liquids	3

**Signal Word**

**WARNING**



**Hazard Statements**

Flammable liquid and vapor  
Causes serious eye irritation

**Appearance:** Viscous Clear liquid

**Physical State:** Viscous Liquid

**Odor:** Alcohol

**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Keep container tightly closed

**Precautionary Statements – Response**

Immediately call a POISON CENTER or doctor/physician

**IF IN EYES:** Flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Immediately call a POISON CENTER or doctor/physician

**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. Store in a well ventilated place. Keep cool.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
SDA 40-B Alcohol	64-17-5	65 – 70
Glycerin USP Kosher	56-81-5	0 – 5
Triethanolamine 99% NF	102-71-6	0 – 5
Propylene Glycol USP	57-55-6	0 – 5
Isopropyl Myristate NF	110-27-0	0 – 5

**4. FIRST AID MEASURES**

**First Aid Measures**

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician.
<b>Eye Contact</b>	Flush material out immediately with large amounts of water for at least 15 minutes, holding eye lids apart to insure flushing of the entire surface. Washing eyes within several seconds is essential to achieve maximum effectiveness. Get medical attention immediately.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Drink 1-2 glasses of water. If vomiting occurs spontaneously, keep airway clear. Get medical attention immediately.
<b>Skin Contact</b>	Wash with water and soap as a precaution. Get medical attention if irritation develops and persists.

**Most Important Symptoms and Effects, both Acute and Delayed**

<b>Symptoms</b>	Direct contact with eyes may cause temporary irritation. If swallowed, product may cause gastrointestinal tract irritation.
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**Indication of any Immediate Medical Attention and Special Treatment Needed**

<b>Note to Physicians</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, alcohol-resistant foam, dry chemical, Carbon dioxide (CO2)

**Unsuitable Extinguishing Media** High volume water jet.

**Specific Hazards Arising from the Chemical**

Fire Hazard.  
 Keep away from heat sources of ignition.  
 Flash back possible over considerable distance.  
 Beware of vapors accumulating to form explosive concentrations.  
 Vapors can accumulate in low areas.

**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. Ensure adequate ventilation. Remove sources of ignition. Keep people away from and upwind of spill/leak. Material can create slippery conditions.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Absorb with inert material or sweep up, and then place in suitable container for chemical waste. Do not allow contact with soil, surface or ground water.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Keep away from heat and open flame. Use local exhaust ventilation. Avoid contact with, eyes. Do not taste or swallow.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions** Take measures to prevent buildup of electrostatic charge. Keep in properly labeled containers. Keep containers tightly closed in a dry, cool, well ventilated place. Keep out of the reach of children. Store in accordance with local, state and national regulations.

**Incompatible Materials** None known

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
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Ethanol 64-17-5	STEL: 1000 ppm	1900 mg/m <sup>3</sup>	
Triethanolamine 102-71-6	TWA: 5 mg/m <sup>3</sup>	15 mg/m <sup>3</sup> (total dust) 5 mg.m <sup>3</sup> (respirable dust)	
Propylene glycol USP 57-55-6			WEEL: 10 mg/m <sup>3</sup>

**Appropriate Engineering Controls**

**Engineering Controls** Normal room ventilation should be adequate.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection** Wear face shield and protective suit for abnormal processing problems.

**Skin and Body Protection** No special equipment needed if used correctly.

**Respiratory Protection** No special equipment is normally needed.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Ensure that eye flushing systems and safety showers are located close to the working place. Avoid contact with eyes.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	Viscous Liquid	<b>Odor</b>	Alcoholic
<b>Appearance</b>	Clear Gel	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Clear		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>	
<b>pH</b>	7.0 – 8.0		
<b>Melting Point/Freezing Point</b>	Not determined		
<b>Boiling Point/Boiling Range</b>	176° F		Not determined
<b>Flash Point</b>	73°F (23°C)		
<b>Evaporation Rate</b>	<1		Water= 1
<b>Flammability (Solid, Gas)</b>	Not determined		
<b>Vapor Pressure</b>	Not determined		
<b>Vapor Density</b>	Not determined		
<b>Specific Gravity</b>	0.886		
<b>Water Solubility</b>	Completely soluble in water		
<b>Solubility in Other Solvents</b>	Not determined		
<b>Dynamic Viscosity</b>	Not determined		
<b>Explosive Properties</b>	Not determined		
<b>Oxidizing Properties</b>	Not determined		
<b>Viscosity</b>	70,000 CPS@ 77°F (25°C)		

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

Vapors may form explosive mixture with air.

**Conditions to Avoid**

Open flames, sparks and oxidizing agents

**Incompatible Materials**

Oxidizing Agents

**Hazardous Decomposition Products**

CO<sub>2</sub> may be formed during combustion.

**11. TOXICOLOGICAL INFORMATION**

**Information on Likely Routes of Exposure**

**Product Information**

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|---------------------|--|
| <b>Inhalation</b>   | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| <b>Eye Contact</b>  | May cause temporary irritation on eye contact.   |
| <b>Skin Contact</b> | This product is not expected to cause skin irritation.   |
| <b>Ingestion</b>    | May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.                             |

**Component Information** Not determined

**Information on Physical, Chemical and Toxicological Effects**

**Symptoms** Direct contact with eyes may cause temporary irritation. May cause gastrointestinal tract irritation if swallowed.

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

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by IARC, NTP, OSHA, EU and ACGIH.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Component Information** Not determined

**Persistence and Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Not determined

**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** Do not reuse container. Triple rinse empty container with water. Plastic containers may be offered for recycling.

**RCRA Resource Conservation and Recovery Act** D001 (Ignitable)

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

SHIPMENT	IDENTIFICATION NUMBER	PROPER SHIPPING NAME	HAZARDOUS CLASSIFICATION	PACKAGING GROUP
US DOT	None	Consumer Commodity	ORM-D	None
IATA	ID8000	Consumer Commodity	9	N/A
IMDG	UN1170	Ethanol Solution	3	III, Ltd Qty

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	United States Toxic Substances Control Act Section 8(b) Inventory	Yes
<b>DSL</b>	Canadian Domestic Substances List	Yes
<b>NDSL</b>	Non-Domestic Substances List	No

**US Federal Regulations**

**SARA 313 Reportable Ingredients** Fire Hazard  
Acute Health Hazard

**US State Regulations**

**U.S. State Right-to-Know Regulations**

Not regulated

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**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	2	3	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	2	3	0	A

**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**