



SAFETY DATA SHEET

ACP-450 – Window Clean

Date: 12-22-15

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Window Clean

Other Means of Identification

Product Code ACP-450

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Ready to Use Glass & Hard Surface Cleaner.
Uses Advised Against For industrial and institutional use only.

Details of the Supplier of the Safety Data Sheet

Manufacturer Address Arrow Chemical Products, Inc.
2067 Sainte. Anne St.
Detroit, Michigan 48216

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

While this material is not classified as hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product, this SDS should be retained and available for employees and other users of the product.

Signal Word WARNING



Hazard Statements

May cause skin irritation
Direct contact with eyes will cause severe eye irritation

Appearance Blue liquid

Physical State Liquid

Odor Alcohol

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
 Wear protective gloves/protective clothing/eye protection/face protection
 Do not eat, drink or smoke when using this product.
 Use only outdoors or in a well-ventilated area.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If irritation develops or persists, seek medical attention.

IF ON SKIN: Wash with plenty of soap and water If skin irritation occurs: Get medical advice/attention

IF SWALLOWED: Rinse mouth. Do not induce vomiting. Immediately call local POISON CENTER or physician for treatment advice.

IF INHALED: Remove victim to fresh air and keep at rest in a comfortable for breathing. If irritation persists, call a doctor/physician for advice.

Precautionary Statements - Storage

Store locked up. Keep container tightly closed when not in use. Store in a cool, well ventilated place. Store away from incompatible materials. KEEP OUT OF REACH OF CHILDREN.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with all regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Isopropyl alcohol	67-63-0	0 - 15
2-Butoxyethanol	111-76-2	0 - 3
Alcohol Ethoxylate	68439-46-3	0 - 1

The balance of ingredients are not hazardous by GHS and are being withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

- General Advice** Provide this SDS to medical personnel for treatment.
- Inhalation** Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist.
- Eye Contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediate medical attention is required.
- Ingestion** Rinse mouth. Do NOT induce vomiting. Drink plenty of water if able. Get medical attention immediately.
- Skin Contact** Wash off immediately with plenty of water. Get medical attention if irritation occurs.

Most Important Symptoms and Effects, both Acute and Delayed

- Symptoms** Causes eye irritation. May cause skin irritation.

Indication of any Immediate Medical Attention and Special Treatment Needed

- Note to Physicians** Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, CO2 or water spray.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

This product is not expected to present a fire hazard.

Hazardous Combustion Products Carbon monoxide and other toxic vapors.

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 Wear protective clothing as required.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. dry sand or earth).

Methods for Cleaning Up Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Keep containers closed when not in use.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children. Keep away from heat, sparks, and flame.

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	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm	TWA: 400 ppm

Appropriate Engineering Controls

Engineering Controls Good general room ventilation should be adequate under normal conditions.

Individual Protection Measures, such as Personal Protective Equipment

- Eye/Face Protection** Not needed for most applications. Wear safety goggles when mist, spray or liquid could get in eyes.
- Skin and Body Protection** Wear protective gloves
- Respiratory Protection** No special equipment normally needed.
- 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	Alcohol
Appearance	Blue liquid	Odor Threshold	Not determined
Color	Not determined		
Property	Values	Remarks • Method	
pH	7.0-8.0		
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 determined		
Upper Flammability Limits	Not available		
Lower Flammability Limit	Not available		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Specific Gravity	1.01		
Water Solubility	Completely 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 an explosive		
Oxidizing Properties	Not determined		
VOC Content (%)	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Excessive heat and contamination of any kind.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on Likely Routes of Exposure****Product Information**

Inhalation	May cause irritation of respiratory tract.
Eye Contact	Causes eye irritation.
Skin Contact	Causes skin irritation.
Ingestion	May cause discomfort if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl alcohol 67-63-0	5050 mg/kg (Rat)	12800 mg/kg (Rabbit)	-
2-Butoxyethanol 111-76-2	745 mg/kg (Rat)	1250 mg/kg (Rat)	550 ppm (Rat)

Information on Physical, Chemical and Toxicological Effects

Symptoms	May cause eye irritation which may include redness and pain. May cause skin irritation which may include redness and dryness.
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Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity	No components of this product have been identified as carcinogens or potential carcinogens by ACGIH, IARC, NTP or OSHA.
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12. ECOLOGICAL INFORMATION**Ecotoxicity**

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

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Isopropyl alcohol 67-63-0		LC50: Pimephales promelas 9640 mg/L 96 h		EC50: Daphnia magna 1400 mg/L 48 h

Persistence and Degradability

Raw materials are readily biodegradable

Bioaccumulation

The potential for bio concentration is low.

Mobility

Expected to have a 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
- DSL** Listed
- NDSL** Listed

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313
 No components of this product contain chemicals that require reporting under SARA Title III Section 313.

US State Regulations

California Proposition 65
 This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under this statute.

U.S. State Right-to-Know Regulations

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

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards 1	Flammability 0	Instability 0	Special Hazards Not determined
<u>HMIS</u>	Health Hazards 1	Flammability 0	Reactivity 0	Personal Protection 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