

**PRODUCT NAME:** ABRO Clearview Anti-Rain  
**PRODUCT NUMBER/SIZE:** AR-180

**Rev Date:** 2/20/2015

## SECTION 1 Identification of the Substance and of the Company/Undertaking

**MANUFACTURER'S NAME:** ABRO INDUSTRIES, INC.

**ADDRESS:** 3580 Blackthorn Court  
South Bend, IN 46628  
USA

**PRODUCT DESCRIPTION:** Glass Cleaner

**COMPANY PHONE:** 574-232-8289

**EMERGENCY 24-HR TELEPHONE:** Chemtrec: US/Canada 1-800-424-9300  
International +1-703-527-3887

## SECTION 2 Hazards Identification

**Classification:**

Flammable Liquid Category 2  
Eye Irritant Category 2A  
Aquatic Toxicity – Acute Category 2  
Aquatic Toxicity – Chronic Category 2  
Specific Target Organ Toxicity – Single Exposure - Category 3 CNS Depression

**Label Pictogram(s):**



**Signal Word:** Danger

**Hazard Phrases:** Highly flammable liquid and vapor. Causes serious eye irritation. Toxic to aquatic life with long lasting effects. May cause drowsiness or dizziness.

**Precautionary Phrases:** Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/ eye protection/ face protection. Avoid release to the environment.

**Response:** IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Call a POISON CENTER or doctor/ physician if you feel unwell. If eye irritation persists: Get medical advice/ attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. Collect spillage.

**Storage / Disposal:** Store locked up in a well-ventilated place. Keep container tightly closed and cool. Dispose of contents/ container to an approved waste disposal plant.

**Other:** Keep out of reach of children. If medical advice is needed, have product container or label at hand. Read label before use.

### SECTION 3 Composition/Information on Ingredients

<b>COMPONENTS</b>	<b>CAS Number</b>	<b>Percent by weight</b>	<b>Exposure Limit</b>
Isopropyl Alcohol	67-63-0	93-5	980mg/m3
Silicone Fluid	107-46-0	4-5	
Organosilane	2943-75-1	2	

### SECTION 4 First Aid Measures

**EYE CONTACT:** Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention if irritation persists.

**SKIN CONTACT:** Wash area with soap and water. Seek medical attention if irritation persists.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.

Inhalation hazard unlikely due to low volatility of product.

**INGESTION:** DO NOT induce vomiting. Seek immediate medical attention. NEVER give UNCONSCIOUS victim anything by mouth.

### SECTION 5 Fire Fighting Measures

**EXTINGUISHING MEDIA:** Carbon Dioxide (CO<sub>2</sub>), Dry Chemical, Foam.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

**FIREFIGHTING INSTRUCTIONS:** Containers can build up pressure if exposed to fire. Containers should be cooled with water spray.

**FIREFIGHTING EQUIPMENT:** Self-contained breathing apparatus with full face piece operated in positive pressure mode.

### SECTION 6 Accidental Release Measures

**SPILL/LEAK PROCEDURES:** Notify safety personnel, evacuate all unnecessary personnel and provide adequate ventilation. If feasible and without risk, clean-up personnel should stop leak. All cleanup personnel should wear proper personal protective equipment.

**SMALL SPILL:** Clean with inert absorbent and place in recovery drums for disposal.

**LARGE SPILL:** Dike to prevent further migration of material. DO NOT release into waterways or sewers. Follow applicable federal and state regulations (20CFR1910.120).

**NOTE:** Product is in sealed container. Spill hazard unlikely.

## SECTION 7 Handling and Storage

STORAGE REQUIREMENTS: Store in clean, dry locations away from excessive heat.

HANDLING PRECAUTIONS: Wash thoroughly after handling. Do not get into eyes, on skin, or on clothing. Do not smoke while using this product. Do not use near excessive heat, sparks, or open flame.

## SECTION 8 Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Eye wash station and safety shower.

VENTILATION: Strong general ventilation or local exhaust.

### PERSONNEL PROTECTIVE EQUIPMENT:

EYE: Chemical splash goggles with indirect or no ventilation.

SKIN: Chemical resistant gloves such as nit rile.

RESPIRATORY: Organic vapor air purifying respirator if vapors are a nuisance or if concentrations are above PEL or TLV.

COMMENTS: Never eat, drink, or smoke in work areas.

## SECTION 9 Physical and Chemical Properties

BOILING POINT:	>212 F
SPECIFIC GRAVITY:	.99
VAPOR PRESSURE:	ND
VAPOR DENSITY:	>1
PERCENT VOLATILES:	0
SOLUBILITY IN WATER:	100.
FLASH POINT:	64.94 F / 18.3 C
ODOR/APPEARANCE/CHARACTERISTICS:	Clear Liquid, pleasant odor

## SECTION 10 Stability and Reactivity

STABILITY: Material is stable

POLYMERIZATION: Hazardous polymerization cannot occur.

CHEMICAL INCOMPATIBILITIES: Strong oxidizing agents.

CONDITION TO AVOID: Excessive heat, open flame and strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, and carbon dioxide.

## SECTION 11 Toxicological Information

No Data

## SECTION 12 Ecological Information

No Data

## SECTION 13 Disposal Considerations

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

## SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

**U.S. DOT** UN/ID Number: UN1993  
Proper shipping name: Flammable liquid, n.o.s. (Ethanol, Isopropanol)  
Hazard class: 3  
Packing Group: II  
Exceptions: May be shipped as consumer commodity or limited quantity  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

**IMO/IMDG** UN/ID Number: UN1993  
Proper shipping name: Flammable liquid, n.o.s. (Ethanol, Isopropanol)  
Hazard class: 3  
Packing Group: II  
Exceptions: May be shipped as limited quantity  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

**ICAO/IATA** UN/ID Number: UN1993  
Proper shipping name: Flammable liquid, n.o.s. (Ethanol, Isopropanol)  
Hazard Class: 3  
Packing Group: II  
Exceptions: May be shipped as consumer commodity or limited quantity  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

**Canada (TDG)** UN/ID Number: UN1993  
Proper shipping name: Flammable liquid, n.o.s. (Ethanol, Isopropanol)  
Hazard class: 3  
Packing Group: II  
Exceptions: May be shipped as consumer commodity or limited quantity  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

**Europe (ADR/RID)** UN/ID Number: UN1993  
Proper shipping name: Flammable liquid, n.o.s. (Ethanol, Isopropanol)  
Hazard class: 3

Packing Group: II  
Exceptions: May be shipped as consumer commodity or limited quantity  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

## SECTION 15 Regulatory Information

### U.S. FEDERAL REGULATIONS:

#### EPA SARA TITLE III:

NA

#### STATE REGULATIONS:

NA

#### NFPA 704M<sup>©</sup> Rating:

Health: 1 Fire: 3 Reactivity: 0 Special: 0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

## SECTION 16 Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

#### ABBREVIATIONS:

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable