

PRODUCT NAME: ABRO Leather and Vinyl Cleaner  
PRODUCT NUMBER/SIZE: LC-472

Rev Date: 7/16/2015

## 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: Leather 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:**  
OSHA HCS (29 CFR 1910.1200) Eye Irrit. 2

**Label Pictogram(s):**



**Signal Word:** Warning

**Hazard Phrases:** Causes serious eye irritation.

**Precautionary Phrases:** Wear protective gloves/protective clothing/eye protection/face protection.  
Wash hands and exposed skin after use.

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**Storage / Disposal:** Store in a well-ventilated place. Keep cool. Dispose of contents in accordance with local, state and national regulations.

**Other:** Keep out of reach of children. Harmful to aquatic life. May produce an allergic skin reaction in persons already sensitized. Contains: thiazolinones and glutaraldehyde.

### SECTION 3 Composition/Information on Ingredients

<u>Components</u>	<u>CAS Number</u>	<u>Percent by weight</u>	<u>Hazard Classification</u>
Nonionic surfactant	Trade Secret	< 3	Eye Dam. 1; H318 Aquatic Acute 2; H401
Bactericide	Trade Secret	0.1	Skin Corr. 1C; H314 Eye Dam. 1; H314 Skin Sens. 1; H317

**Additional Information** - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below. - **None**

### SECTION 4 First Aid Measures

**EYE CONTACT:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**SKIN CONTACT:** Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention.

**INHALATION:** Not normally required. Treat symptomatically.

**INGESTION:** Not normally required. Treat symptomatically.

Most important symptoms and effects, both acute and delayed: May produce an allergic skin reaction in persons already sensitized. Contains: thiazolinones and glutaraldehyde.

Indication of any immediate medical attention and special treatment needed:  
None

### SECTION 5 Fire Fighting Measures

#### **Extinguishing Media**

- Suitable Extinguishing Media: Non-combustible. As appropriate for surrounding fire.
- Unsuitable Extinguishing Media: None anticipated.

**Special hazards arising from the substance or mixture:** Combustion or thermal decomposition will evolve toxic and irritant vapours. Carbon monoxide, Carbon dioxide, oxides of nitrogen and sulfur .

**Advice for fire-fighters:** Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire.

### SECTION 6 Accidental Release Measures

#### **Personal precautions, protective equipment and emergency procedures**

Wear protective gloves/eye protection/face protection. Avoid contact with skin and eyes.

**Environmental precautions** Avoid release to the environment.

**Methods and material for containment and cleaning up**

Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery.

**Reference to other sections** None

**Additional Information** None

**SECTION 7**  
**Handling and Storage**

**Precautions for safe handling** Wear protective gloves/eye protection/face protection. Avoid contact with skin and eyes.

**Conditions for safe storage, including any incompatibilities**

- Storage temperature Keep container tightly closed. Protect from sunlight.
- Incompatible materials Substances that react with water

**Specific end use(s)** Leather Cleaner

**SECTION 8**  
**Exposure Controls/Personal Protection**

**Appropriate engineering controls** Not normally required.

**Personal protection equipment** The following to be used as necessary:

Eye/face protection:

Safety glasses with side-shields.

Skin protection (Hand protection/ Other):

Gloves (Butyl rubber, Neoprene, or Natural rubber). Check with protective equipment manufacturer's data.

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards: Not normally required.

**Environmental Exposure Controls:** Avoid release to the environment.

**SECTION 9**  
**Physical and Chemical Properties**

**Information on basic physical and chemical properties**

Appearance	Liquid
Color.	Colorless
Odor	Lemon
Odor Threshold (ppm)	Not available.
pH (Value)	5 - 9
Melting Point (°C) / Freezing Point (°C)	~0 (32 °F)
Boiling point/boiling range (°C):	~100 (212 °F)
Flash Point (°C)	Non-combustible

Evaporation Rate	~1 (Water = 1)
Flammability (solid, gas)	Not applicable.
Explosive Limit Ranges	Not applicable.
Vapour pressure (hPa)	~ 30
Vapour Density (Air=1)	Not available.
Density (g/ml)	Not available.
Solubility (Water)	Miscible.
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Point (°C)	Non-combustible
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt) @ 40°C	< 20.5
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
<b>Other information</b>	Not available.

## SECTION 10 Stability and Reactivity

<b>Reactivity</b>	Stable under normal conditions.
<b>Chemical stability</b>	Stable.
<b>Possibility of hazardous reactions</b>	None anticipated.
<b>Conditions to avoid</b>	Incompatible materials.
<b>Incompatible materials</b>	Substances that react with water
<b>Hazardous decomposition product(s)</b>	Combustion or thermal decomposition will evolve toxic and irritant vapours. Forms: oxides of carbon, nitrogen, and sulfur.

## SECTION 11 Toxicological Information

**Exposure routes:** Inhalation, Skin Contact, Eye Contact

**Information on toxicological effects**

Acute toxicity (estimated / calculated)

Oral: LD50: >2000 mg/kg (rat)

Dermal: LD50: > 2000 mg/kg (rabbit)

Irritation / Corrosivity: Causes serious eye irritation. Unlikely to cause skin irritation.

Sensitization: May produce an allergic skin reaction in persons already sensitized.

Contains: thiazolinones and glutaraldehyde.

Repeated dose toxicity: Not to be expected.

Mutagenicity: Not to be expected.

Carcinogenicity: Not to be expected.

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Developmental Toxicity: Not to be expected.

Toxicity for reproduction: Not to be expected.

Other information: None

## SECTION 12 Ecological Information

### Substances in preparations / mixtures:

Nonionic surfactants (CAS# Trade Secret) - By analogy with similar materials:

Acute toxicity	LC50: 10 – 53.7 mg/l (Fish) (96 hr) EC50: 1 - 53.1 mg/l (Daphnia magna)(48 hr) EC50: 1 - 10 mg/l (Algae) (72 hr)
Long Term Toxicity	EC10: 1 - 10 mg/l (Daphnia magna)
Persistence and degradability	Readily biodegradable.
Bioaccumulative potential	Not available.
Mobility in soil	Not available.
Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
Other adverse effects	None known.

## SECTION 13 Disposal Considerations

**Waste treatment methods** Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

**Additional Information** None known.

## 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: Not Regulated  
Proper shipping name:  
Hazard class:  
Packing Group:  
Exceptions:  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

**IMO/MDG** UN/ID Number: Not Regulated  
Proper shipping name:  
Hazard class:  
Packing Group:

Exceptions:  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

**ICAO/IATA** UN/ID Number: Not Regulated  
Proper shipping name:  
Hazard Class:  
Packing Group:  
Exceptions:  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

**Canada (TDG)** UN/ID Number: Not Regulated  
Proper shipping name:  
Hazard class:  
Packing Group:  
Exceptions:  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

**Europe (ADR/RID)** UN/ID Number: Not Regulated  
Proper shipping name:  
Hazard class:  
Packing Group:  
Exceptions:  
Environmental Hazards:  
Transport in Bulk:  
Special Precautions:

**SECTION 15**  
**Regulatory Information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**TSCA (Toxic Substance Control Act) - Inventory Status:** All components listed or polymer exempt.

**Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):**

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

**SARA 311/312 - Hazard Categories:**

Fire      Sudden Release      Reactivity      X Immediate (acute)      Chronic (delayed)

**SARA 313 - Toxic Chemicals (40 CFR 372):**

Chemical Name	CAS No.	Typical %wt.
None	-----	-----

**SARA 302 - Extremely Hazardous Substances (40 CFR 355):**

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)	TPQ (Pounds)
None	----	----	----	----

**Proposition 65 (California):**

Chemical Name	CAS No.	Typical %wt.	Hazards
None	----	----	----

**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.

**Hazard Statement(s) Listed in: SECTION 3**

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H401: Toxic to aquatic life.

**ABBREVIATIONS:**

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable