

PRODUCT NAME: ABRO Auto Trim Detailer
PRODUCT NUMBER/SIZE: AT-016-R / 16 oz.

Rev Date: 8/06/2015

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: Trim and Tire Dressing for Vinyl and Rubber
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:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Flam. Liq. 4; Skin Irrit. 2; STOT SE 3

Label Pictogram(s):



Signal Word: WARNING

Hazard Phrases: Combustible liquid. Causes skin irritation. May cause drowsiness or dizziness. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Precautionary Phrases: Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid breathing mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin after use.

Response: IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. 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. IF INHALED: Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention. IF SWALLOWED: Do not give anything by mouth to an unconscious person. Seek medical treatment.

Storage / Disposal: Not applicable.

Other: Keep out of reach of children.

SECTION 3 Composition/Information on Ingredients

Substance/mixture: Mixture

Composition/information on ingredients	%W/W	CAS No.	Hazard classification
Petroleum distillate	70 - 80	Trade Secret	Flam. Liq. 4; H227 Skin Irrit. 2; H315 STOT SE 3; H336 Asp. Tox. 1; H304 Aquatic Acute 2; H401 Aquatic Chronic 2; H411
Silicone fluid	20 - 30	Trade Secret	Not classified as dangerous for supply/use.

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

Description of first aid measures

Inhalation	Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.
Skin Contact	Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
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.
Ingestion	Do not give anything by mouth to an unconscious person. Seek medical treatment.

Most important symptoms and effects, both acute and delayed None

Indication of any immediate medical attention and special treatment needed None

SECTION 5 Fire Fighting Measures

Extinguishing Media

-Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or water spray.
-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, siloxanes.

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

Eliminate sources of ignition. 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
Additional Information**

None
None

SECTION 7 Handling and Storage

Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Avoid breathing mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

-Storage temperature

Store at room temperature.

-Incompatible materials

Avoid contact with heat and ignition sources and oxidizers.

Specific end use(s)

Automotive care product

SECTION 8 Exposure Controls/Personal Protection

Control parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Alkanes (C9-C15)	-----	-----	1200 mg/m3	-----	-----	-----

Exposure controls

Appropriate engineering controls

Not normally required.

Personal protection equipment

Eye/face protection



Skin protection (Hand protection/ Other)



Respiratory protection



Thermal hazards

Environmental Exposure Controls

The following to be used as necessary:

Wear protective eyewear (goggles, face shield, or safety glasses).

Wear suitable gloves if prolonged skin contact is likely. Check with protective equipment manufacturer's data.

Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Not normally required.

Avoid release to the environment.

SECTION 9 Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Liquid gel
Color.	Slight orange color
Odor	Light solvent
Odor Threshold (ppm)	Not available.
pH (Value)	Not applicable.
Melting Point (°C) / Freezing Point (°C)	Not available.
Boiling point/boiling range (°C):	Not available.
Flash Point (°C)	80 - 96 (176 - 205 °F)
Evaporation Rate	Not available.
Flammability (solid, gas)	Not applicable.
Explosive Limit Ranges	Not applicable.
Vapour pressure (hPa)	Not available.
Vapour Density (Air=1)	Not available.
Density (g/ml)	0.858 (7.16 lb/gal)
Solubility (Water)	Insoluble
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Point (°C)	Not available.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt) @ 40°C	> 20.5
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Other information	VOC: 0.3956%; 3.39 g/L; 13.58 g/L (less water and exempt solvents)

SECTION 10 Stability and Reactivity

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Incompatible materials.
Incompatible materials	Avoid contact with heat and ignition sources and oxidizers.
Hazardous decomposition product(s)	Combustion or thermal decomposition will evolve toxic and irritant vapours. Forms: oxides of carbon, siloxanes

SECTION 11 Toxicological Information

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Acute toxicity (calculated / estimated)	Oral: LD50 >5000 mg/kg-bw Dermal: LD50 >2000 mg/kg-bw Inhalation: LC0 ≥5.28 mg/l (Vapor), 4-hr. rat - May cause drowsiness or dizziness.
Irritation/Corrosivity	Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
Sensitization	It is not a skin sensitizer.
Repeated dose toxicity	Not to be expected. - Oral: NOEL 750 mg/kg - Dermal: NOEL 0.5 ml/kg bw - Inhalation: NOEL ≥1000 mg/m3
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.

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

Mutagenicity	Not to be expected
Reproductive toxicity	Not to be expected

SECTION 12 Ecological Information

Ecotoxicity	
Short term	LC50 (96 hour): 2.5 mg/L (fish) EC50 (48 hour): 1.4 mg/L (crustacea) EC50 (72 hour): 1.3 mg/L (algae)

Long Term

NOEC (28 days): 0.098 mg/L (fish)
LOEC (21 days): 1.2 mg/L (crustacea)
LOEL (72 hour): 1 mg/L (algae)

Persistence and degradability

Biodegradable

Bioaccumulative potential

The product has no potential for bioaccumulation.

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/IMDG 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:

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not Applicable

* If shipped in bulk (> 119 gallons) in U.S.: NA1993, Combustible Liquid, n.o.s (petroleum distillates), 3, III

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 ☒ 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.

ABBREVIATIONS:

NG="NOT GIVEN"

BT="BETWEEN"

<="LESS THAN"

>="GREATER THAN"

ND = Not Determined

NA = Not Applicable

Hazard Statement(s) Listed in: SECTION 3

- H227: Combustible liquid.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H336: May cause drowsiness or dizziness.
- H401: Toxic to aquatic life.
- H411: Toxic to aquatic life with long lasting effects.