

**PRODUCT NAME:** ABRO Foaming Tire Cleaner  
**PRODUCT NUMBER/SIZE:** TC-800-R

**Revision Date:** 1/13/2015

## 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:** Tire 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

**HMIS:** Health 1 Flamm. 1 React. 0 **NFPA:** Tox. 1 Flamm.1 React. 0

**Classification:**

Non-Flammable Aerosol – Category 3

**Label Pictogram(s):**



**Signal Word:** Warning

**Hazard Phrases:** Pressurized container: may burst if heated.

**Precautionary Phrases:** Keep away from heat, sparks, open flame and temperatures exceeding 50 °C/122 °F. No smoking. Do not pierce or burn, even after use.

**Response Phrases:** IF SWALLOWED: Rinse mouth. Do not induce vomiting. IF INHALED: Not applicable when used per directions. IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical 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, seek medical attention.

**Storage and Disposal Phrases:** Protect from sunlight. Dispose of container to approved locations in compliance with all applicable regulations.

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

### SECTION 3 Composition/Information on Ingredients

COMPONENTS	CAS Number	OSHA PEL	ACGIH TLV	Weight Percent
Water	7732-18-5	None	None	60-100 %
Dimethylpolysiloxanes	63148-62-9	Unknown	Unknown	10-30 %
Butane	106-97-8	Unknown	800 ppm	1-5 %
Propane	74-98-6	Unknown	1000 ppm	1-5 %
Glycerin	56-81-5	Unknown	Unknown	1-5 %
Sodium Benzoate	532-32-1	Unknown	Unknown	0.1-1 %
Ethoxylated Nonyl Phenol	9016-45-9	Unknown	Unknown	0.10 – 1.00 %
Ammonium Hydroxide	1336-21-8/7664-41-7	Unknown	Unknown	0.10 – 1.00 %
Octylphenoxypolyethoxyethanol	9036-19-5	Unknown	Unknown	0.10 – 1.00 %

### SECTION 4 First Aid Measures

#### First Aid Measures

<b>Immediate Medical Attention:</b>	Provide general supportive measures and treat symptomatically.
<b>Eyes</b>	Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.
<b>Skin</b>	Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists.
<b>Ingestion</b>	DO NOT induce vomiting unless directed to do so by a physician or poison control center. Get medical attention immediately.
<b>Inhalation</b>	Remove victim to fresh air. Apply artificial respiration if necessary. Get medical attention
<b>Signs &amp; Symptoms Of Over Exposure:</b>	May cause mild irritation. May cause coughing and sneezing. May cause mild irritation. May cause redness and some slight swelling. May cause mild irritation. Symptoms may include redness, itching and possible dermatitis. May cause minimal irritation. May cause gastrointestinal upset.
<b>Special Treatment:</b>	Treat symptomatically. Pre-existing skin disorders may be aggravated by exposure.

### SECTION 5 Fire Fighting Measures

<b>Extinguishing media</b>	Water Spray, Foam, Dry chemical (B-C)
<b>Hazardous Combustion:</b>	Unknown

**Protective Equipment and Precautions for firefighters:**

Keep containers cool using water spray to avoid bursting containers. Wear full firefighting turn-out gear and respiratory protection. **UNUSUAL HAZARDS:** Contents under pressure. Do not use near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.

**Flammability per Flame Projection Test**

NON-FLAMMABLE

**SECTION 6  
Accidental Release Measures**

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

Not available.

**Methods/materials for containment and cleanup:**

Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with local, state or federal regulations.

**Environmental precautions:**

None required.

**SECTION 7  
Handling and Storage**

**Precautions for Safe Handling**

**CAUTION:** Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.

**Conditions for Safe Storage**

Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Do not store in direct sunlight. Store in a cool, dry, well-ventilated area away from incompatible materials. Store in accordance with NFPA 30B for Level 1 Aerosols.

**SECTION 8  
Exposure Controls/Personal Protection**

COMPONENTS	CAS Number	OSHA PEL	ACGIH TLV
Water	7732-18-5	None	None
Dimethylpolysiloxanes	63148-62-9	Unknown	Unknown
Butane	106-97-8	Unknown	800 ppm
Propane	74-98-6	Unknown	1000 ppm
Glycerin	56-81-5	Unknown	Unknown
Sodium Benzoate	532-32-1	Unknown	Unknown

Ethoxylated Nonyl Phenol	9016-45-9	Unknown	Unknown
Ammonium Hydroxide	1336-21-8/7664-41-7	Unknown	Unknown
Octylphenoxypolyethoxyethanol	9036-19-5	Unknown	Unknown

**Engineering Controls:** Maintain adequate ventilation. Use respirator only as a last resort to control exposure.

**Personal Protective Equipment: Skin:** Wear CHEMICAL RESISTANT GLOVES if repeated skin contact occurs or causes irritation. **Eyes:** Wear SAFETY GLASSES or GOGGLES to prevent eye contact.

## SECTION 9 Physical and Chemical Properties

<b>Appearance and Physical State:</b>	White opaque liquid in pressurized aerosol can
<b>Odor:</b>	Slight ammonia.
<b>Odor Threshold:</b>	Not Available.
<b>pH:</b>	10.0 – 11.0
<b>Melting Point/Freezing Point:</b>	Not Available.
<b>Initial boiling point &amp; boiling range:</b>	>200°F
<b>Flash Point:</b>	Not Available.
<b>Evaporation rate:</b>	<1.00
<b>Flammability (solid, gas)</b>	Not Available.
<b>Upper/lower flammability or explosive limits</b>	Not Available.
<b>Vapor pressure</b>	Not Available.
<b>Vapor density</b>	Not Available.
<b>Relative density / Specific gravity</b>	1.010 – 1.030g/mL
<b>Solubility</b>	Not Available.
<b>Partition Coefficient n-Octanol/Water</b>	Not Available.
<b>Auto-ignition Temperature:</b>	Not Available.
<b>Decomposition Temperature:</b>	Not Available.
<b>Viscosity:</b>	Not Available.
<b>%-VOC Content:</b>	5.00%.
<b>CARB VOC Category/Standard (%)</b>	EXPORT
<b>OTC Model Rule Category/Standard (%)</b>	EXPORT
<b>US EPA Cons Prod Category/Standard (%)</b>	EXPORT

## SECTION 10 Stability and Reactivity

<b>Reactivity</b>	Not available.
<b>Chemical Stability:</b>	Product is stable
<b>Possibility of hazardous reactions:</b>	None known.
<b>Conditions to avoid</b>	Heat, sparks, open flames and temperatures above 120°F
<b>Incompatibilities:</b>	Avoid contact with strong oxidizers.

**Hazardous decomposition products:** CO, CO<sub>2</sub>

**Hazardous polymerization:** Will not occur

## SECTION 11 Toxicological Information

**Likely Routes of Exposure:** Inhalation, skin/eye contact

**Symptoms:** Not Available.

**Delayed and Immediate Effects:** Not Available.

**Chronic Effects:** Not Available.

**Toxicity Measures:** Not Available.

**NTP Carcinogen:** No

**IARC Carcinogen:** No

**OSHA Carcinogen:** No

## SECTION 12 Ecological Information

**Ecotoxicity:** Not Available.

**Persistence and Degradability:** Not Available.

**Bioaccumulation Potential:** Not Available.

**Mobility in Soil:** Not Available.

**Other Adverse Effects:** Not Available.

## SECTION 13 Disposal Considerations

**Storage and Disposal** Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Do not store in direct sunlight. Store in a cool, dry, well-ventilated area away from incompatible materials. Store in accordance with NFPA 30B for Level 1 Aerosols.

**Waste Disposal Method:** Before offering for recycling, empty the container by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with 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: UN1950  
Proper shipping name: Aerosols  
Hazard class: 2.2  
Packing Group: None  
Exceptions: May be shipped as a limited quantity or consumer commodity  
Environmental Hazards: No  
Transport in Bulk: Not Applicable.  
Special Precautions: ERG#126

**IMO/IMDG** UN/ID Number: UN1950  
Proper shipping name: Aerosols  
Hazard class: 2.2  
Packing Group: None  
Exceptions: May be shipped as a limited quantity  
Environmental Hazards: No  
Transport in Bulk: Not Applicable  
Special Precautions: EmS F-D, S-U

**ICAO/IATA** UN/ID Number: UN1950  
Proper shipping name: Aerosols, non-flammable  
Hazard Class: 2.2  
Packing Group: None  
Exceptions: May be shipped as a limited quantity or reclassified to ID8000  
Environmental Hazards: No  
Transport in Bulk: Not Applicable  
Special Precautions: None

**Canada (TDG)** UN/ID Number: UN1950  
Proper shipping name: Aerosols, non-flammable  
Hazard class: 2.2  
Packing Group: None  
Exceptions: May be shipped as a limited quantity  
Environmental Hazards: No  
Transport in Bulk: Not Applicable  
Special Precautions: ERG#126

## SECTION 15 Regulatory Information

This product is considered to be hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Section 313 Information (40 CFR 372): This product does not contain chemicals which are listed in Section 313 at or above the de minimis concentrations.

U. S. Toxic Substance Control Act (TSCA): All components of this product are listed on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

Proposition 65 – California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

## SECTION 16 Other Information

We believe all information given is accurate. It is offered in good faith but without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.

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