

PRODUCT NAME: ABRO Quick Fix Tire Inflator
PRODUCT NUMBER/SIZE: QF-35 / 15 oz.

Revision Date: 11/13/2014

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 Repair and Inflator
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

Flammable Aerosol Category 1
Acute Dermal Toxicity Category 4

Label Pictogram(s):



Signal Word: DANGER

Hazard Phrases: Extremely flammable aerosol. Pressurized container: May burst if heated.
Harmful if swallowed.

Precautionary Phrases: Do not spray on and keep away from open flames and other ignition sources -
No smoking. Do not pierce or burn, even after use. Wash hands thoroughly after
handling. Do not eat, drink or smoke while using this product.

Response: IF SWALLOWED: Rinse mouth. Call a doctor if you feel unwell. IF INHALED:
Remove to fresh air and make comfortable for breathing.

Storage / Disposal: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Dispose of container in accordance with local and national 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

Ingredients	CAS #	Percentages
Propane	74-98-6	10 %
n-Butane	106-97-8	8 %
Polysiloxane	Proprietary	7 %
Rosin Ester	Proprietary	4 %
* Ethylene Glycol	107-21-1	4 %
Ammonium Hydroxide	7664-41-7	0.5 %

***Indicates ingredients that are subject to the reporting requirements of Section 313 of EPCRA and 40 CFR 372. Component of a blended material regulated under section 313 of SARA**

SECTION 4
First Aid Measures

After inhalation:	Remove victim to fresh air. Apply artificial respiration if necessary. Get medical attention.
After skin contact:	Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists.
After eye contact:	Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.
After swallowing:	DO NOT induce vomiting unless directed to do so by a physician or poison control center. Get medical attention immediately.
Most important symptoms and effects:	May cause respiratory irritation. May cause mild eye irritation. May be mildly irritating to the skin. Ingestion may include intoxication, nausea and vomiting and CNS depression. May cause gastrointestinal upset and cause pain.
Indication of any immediate medical attention needed:	Pre-existing skin and respiratory disorders may be aggravated by exposure.

SECTION 5
Fire Fighting Measures

Extinguishing agents:	Dry Chemical, Foam, CO2
Special hazards:	0" flame projection; no flashback. 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.
Protective equipment for firefighters:	Keep containers cool using water spray to avoid bursting containers. Wear full firefighting turn-out gear and respiratory protection.

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Maintain adequate ventilation. Use respirator only as a last resort to control exposure. Wear CHEMICAL RESISTANT GLOVES if repeated skin contact occurs or causes irritation. Wear SAFETY GLASSES or GOGGLES to prevent eye contact.

Methods and material for containment and cleaning up:

Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with local, state or federal regulations. 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 7 Handling and Storage

Precautions for safe handling:

DANGER! EXTREMELY FLAMMABLE. HARMFUL IF INHALED. CONTENTS UNDER PRESSURE. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Avoid contact with incompatible materials. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. This product must be removed from tire in a well-ventilated area away from heat, sparks and open flames. Never add oxygen. Do not use in a tire reamer, rasp or weld or around rim until flammable gas has been safely removed from tire and tire has been removed from rim. Do not use in two wheel motorized vehicles. Wash hands thoroughly after each use. Do not eat, drink or smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container. Wash hands thoroughly after each use.

Storage requirements:

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 Aerosol.

SECTION 8
Exposure Controls/Personal Protection

<u>Ingredient</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Propane	1000 ppm 1800 mg/m ³	1000 ppm
n-Butane	800 ppm 1900 mg/m ³	1000 ppm
Ethylene Glycol	50 ppm 125 mg/m ³	100 mg/m ³

ENGINEERING CONTROLS: Maintain adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT: Use respirator only as a last resort to control exposure.

Wear CHEMICAL RESISTANT GLOVES if repeated skin contact occurs or causes irritation.

Wear SAFETY GLASSES or GOGGLES to prevent eye contact.

SECTION 9
Physical and Chemical Properties

Appearance:	White opaque liquid in a pressurized aerosol can
Odor:	Pungent
Odor threshold:	Not determined
pH-value:	9.9-10.9
Melting point/Melting range	Not determined
Boiling point:	> 150 F
Flash point:	Not determined
Flammability (solid, gas):	Extremely flammable
Decomposition temperature:	Not determined
Auto igniting:	Not determined
Lower Explosion Limit:	Not determined
Upper Explosion Limit:	Not determined
Vapor pressure:	Not determined.
Relative Density / Specific Gravity:	Between 0.980 – 1.020 g/ml (concentrate)
Vapor density:	Not determined
Evaporation rate:	< 1.00
Partition coefficient: n-Octanol/water:	Not determined
Solubility:	Soluble in water
Viscosity:	Not determined
VOC content:	20 %
VOC content (less exempt solvents):	Not determined
Solids content:	Not determined

SECTION 10
Stability and Reactivity

Reactivity: Stable at normal temperatures.

Conditions to avoid: Heat, sparks, open flames and temperatures above 120°F.

Chemical stability:	Product is stable.
Possibility of hazardous reactions:	Will not occur.
Incompatible materials:	Avoid contact with strong oxidizers.
Hazardous decomposition:	CO, CO ₂

SECTION 11 Toxicological Information

None of the ingredients in this product are listed carcinogens (IARC, OSHA or NTP)

SECTION 12 Ecological Information

Aquatic toxicity:	Not determined
Persistence and degradability:	Not determined
Bioaccumulative potential:	Not determined
Mobility in soil:	Not determined
Other adverse effects:	Not determined

SECTION 13 Disposal Considerations

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:	2.1
	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:	2.1
	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, flammable
 Hazard Class: 2.1
 Packing Group: None
 Exceptions: May be shipped as a limited quantity or reclassified as ID8000
 Environmental Hazards: No
 Transport in Bulk: Not Applicable
 Special Precautions: None

Canada (TDG) UN/ID Number: UN1950
 Proper shipping name: Aerosols
 Hazard class: 2.1
 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

HMIS: Health 2 Flammability 1 Reactivity 0
 NFPA: Toxicity 2 Flammability 1 Reactivity 0

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

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"	BT="BETWEEN"
>="GREATER THAN"	ND = Not Determined	NA = Not Applicable