Note: Wear protective eyewear and **DO NOT SHAKE THE CAN WHILE IN USE.** This may cause damage to the hose or connection, resulting in harmful spray.

1. Move the car so the puncture is as close to the ground as possible.

2. **SHAKE CAN** well for at least 30 seconds.

3. **REMOVE CAP, UNWIND HOSE** and screw nozzle clockwise on the valve stem to **FIRMLY ATTACH.**

4. Ensure can is upright, and **PRESS BUTTON** to automatically dispense formula. **KEEP HOLDING** button until product no longer visibly moves through the hose. **DISCONNECT.**

5. **INSPECT RIM.** Tire should be lifted from the ground with at least 10-15 pounds of pressure. As soon as it is possible, inflate the tires to the recommended pressure, depending on the car and tire type.

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*Drive slowly to the nearest tire facility for inspection and permanent repair. After using this product deflate tire in a well-ventilated area. Before performing permanent repair, tire must be removed from its rim. Tire and TPMS must be cleaned thoroughly with fresh water and allowed to dry completely.*

©2020 Energizer. STP is a trademark of Energizer Auto. www.stp.com
1. Product And Company Identification

**Product Name:** STP® Tire Fix Sealant and Inflator

**Responsible Party:** STP Products Manufacturing Company  
44 Old Ridgebury Road  
Suite 300  
Danbury, CT 06810  
Tel. 1-203-205-2900

**Information Phone Number:** +1 203-205-2900  
**Emergency Phone Number:**  
For Medical Emergencies, call 1-866-949-6465 / +1 303-389-1332 (Outside US and Canada)  
For Transportation Emergencies, call 1-800-424-9300 (Chemetrec) +1-703-527-3887 for  
Outside US and Canada (call collect)

**SDS Date of Preparation:** 12/05/2018  
**Product Use and Uses Advised Against:** Automotive maintenance product – For consumer and professional use

2. Hazards Identification

Note: This product is a consumer product and is labeled in accordance with the Consumer Product Safety Commission regulations and not OSHA regulations. The requirements for the labeling of consumer products take precedence over OSHA labeling so the actual product label will not contain the OSHA label elements shown below on this SDS.

**GHS Classification:**

<table>
<thead>
<tr>
<th>Physical:</th>
<th>Health:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gases Under Pressure: Compressed Gas</td>
<td>Eye Irritation Category 2A</td>
</tr>
<tr>
<td></td>
<td>Skin Irritation Category 2</td>
</tr>
<tr>
<td></td>
<td>Simple Asphyxiant</td>
</tr>
</tbody>
</table>

**GHS Label Elements:**

![Warning]

**Warning!**

<table>
<thead>
<tr>
<th>Statements of Hazard</th>
<th>Precautionary phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>H280 Contains gas under pressure; may explode if heated.</td>
<td>P264 Wash thoroughly after handling.</td>
</tr>
<tr>
<td>H315 Causes Skin Irritation.</td>
<td>P280 Wear eye protection and protective gloves</td>
</tr>
<tr>
<td>H319 Causes serious eye irritation.</td>
<td>P302 + P352 IF ON SKIN: Wash with plenty of soap and water.</td>
</tr>
<tr>
<td>Simple Asphyxiant: May displace oxygen and cause rapid suffocation.</td>
<td>P332 + P313 If skin irritation occurs: Get medical attention.</td>
</tr>
<tr>
<td></td>
<td>P362 + P364 Take off contaminated clothing and wash it before reuse.</td>
</tr>
<tr>
<td></td>
<td>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
</tbody>
</table>
3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1,1,2-tetrafluoroethane</td>
<td>811-97-2</td>
<td>20-40%</td>
</tr>
<tr>
<td>Propylene glycol n-butyl ether</td>
<td>5131-66-8</td>
<td>1.0-10%</td>
</tr>
<tr>
<td>Ammonium Hydroxide</td>
<td>1336-21-6</td>
<td>0.1-1.0%</td>
</tr>
<tr>
<td>Sodium Nitrite</td>
<td>7632-00-0</td>
<td>0.1-1.0%</td>
</tr>
</tbody>
</table>

The exact concentrations are a trade secret.

4. First Aid Measures

**Inhalation:** If symptoms of exposure develop, remove to fresh air. Seek medical attention if breathing problem or irritation persists.

**Skin Contact:** Wash exposed skin with soap and water. If skin irritation or redness develops, seek medical attention. For frostbite: warm injured area in warm (tepid) water.

**Eye Contact:** Flush eyes with large amounts of water for 15 minutes. If irritation or other symptoms develop, seek medical attention.

**Ingestion:** Ingestion is an unlikely route exposure for aerosol products.

**Most Important Symptoms:** Causes serious eye irritation. Causes skin irritation. Direct contact with escaping gas under pressure may cause frostbite. Mists may cause mild respiratory irritation. Exposure to high concentrations can induce anesthetic effects progressing from dizziness, weakness, nausea, to unconsciousness.

**Indication of Immediate Medical Attention/Special Treatment:** None known.

5. Firefighting Measures

**Suitable (and Unsuitable) Extinguishing Media:** Use extinguishing media suitable for surrounding fire. Cool fire exposed containers with water.

**Specific Hazards Arising from the Chemical:** Contents under pressure. Exposure of containers to heat and flames can cause them to rupture often with violent force. Burning may produce oxides of carbon and fluorine; and hydrogen fluoride.

**Special Fire Fighting Procedures:** Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting cans.

6: Accidental Release Measures

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Ventilate the area. Wear appropriate protective clothing and equipment.

**Methods and Materials for Containment and Clean-Up:** Place leaking can in a pail in a well-ventilated area until
pressure has dissipated. Collect residual liquid using inert absorbents and place into a suitable container for disposal.

Environmental Precautions: Report release as required by local and national regulations.

7. Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes and skin. Avoid breathing aerosol or gas. Use only with adequate ventilation. Wash thoroughly with soap and water after handling. Contents under pressure, do not puncture or incinerate containers.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, well-ventilated area, away from incompatible materials. Do not store in direct sunlight or above 120°F. U.F.C. (NFPA 30B) Level 1 Aerosol.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>EXPOSURE LIMIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1,1,2-tetrafluoroethane</td>
<td>1000 ppm TWA AIHA WEELs</td>
</tr>
<tr>
<td>Propylene glycol n-butyl ether</td>
<td>50 ppm TWA (manufacturer recommended)</td>
</tr>
<tr>
<td>Ammonium Hydroxide</td>
<td>None established</td>
</tr>
<tr>
<td>Sodium Nitrite</td>
<td>None established</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls: General ventilation should be adequate for normal use. For operations where the exposure limits may be exceeded, forced ventilation such as local exhaust may be needed to maintain exposures below applicable limits.

Personal Protective Equipment

Respiratory Protection: None under normal use conditions. For operations where the exposure limits may be exceeded, a NIOSH approved supplied air respirators recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134; all applicable laws and regulations; and good industrial hygiene practice.

Gloves: Wear impervious gloves to avoid skin contact.

Eye Protection: Wear safety glasses if eye contact is possible.

Other Protective Equipment/Clothing: None required.

9. Physical and Chemical Properties

Appearance and Odor: Pressurized gas and liquid.

| Physical State: Gas and liquid | Odor Threshold: Not available |
| pH: Not determined             | Specific Gravity: 0.96       |
| Initial Boiling Point/Range: 37.97°F (3.31°C) | Vapor Pressure: 18.16 psig at 20°F |
| Melting/Freezing Point: Not determined | Vapor Density: (Air = 1) Not determined |
| Solubility In Water: Not determined | Percent Volatile: 89.88% |
| Viscosity: Not determined      | Evaporation Rate: Not determined |
| Decomposition Temperature: Not available | VOC Content: Not determined |
10. Stability and Reactivity

Reactivity: Not normally reactive
Chemical Stability: Stable under normal storage and handling conditions
Possibility of Hazardous Reactions: Reaction with strong oxidizers may cause fire.
Conditions to Avoid: Keep away from excessive heat, and open flames. Containers may rupture at temperatures > 120°F (48.8°C)
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Burning may produce oxides of carbon and fluorine; and hydrogen fluoride.

11. Toxicological Information

Potential Health Effects:

Acute Hazards:

Inhalation: Mist can irritate the throat and respiratory tract. Exposure to high concentrations can induce anesthetic effects progressing from dizziness, weakness, nausea, to unconsciousness.

Skin Contact: Causes skin irritation. Contact with escaping gas under pressure may cause frostbite.

Eye Contact: Direct contact causes eye irritation with redness, pain, and tearing.

Ingestion: Ingestion is an unlikely route exposure for aerosol products. Swallowing may cause gastrointestinal disturbances.

Chronic Effects: None known

Carcinogenicity Listing: None of the other components listed at 0.1% or greater is a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHA

Numerical Measures of Toxicity:

1,1,1,2-tetrafluoroethane: LC50 Inhalation Rat: >500,000/4h
Propylene glycol n-butyl ether: LD50 Oral Rat: 3,300 mg/kg
LD50 Skin Rat: >2,000 mg/kg
Ammonia Hydroxide: LD50 Oral Rat: 350mg/kg

12. Ecological Information

Ecotoxicity: Harmful to aquatic life with long lasting effects.

Propylene glycol n-butyl ether: LC50 Guppy: 560-1000 mg/L/ 96 hr.
                  LC50 Daphnia: >1000 mg/L/ 48 hr.
Ammonia Hydroxide: LC50 Western mosquitofish (Gambusia affinis): 15 mg/L/96 hr.
                  LC50 Daphnia: 0.66 mg/L/ 48 hr.

Persistence and Degradability:
Propylene glycol n-butyl ether: Readily biodegradable

Bioaccumulative Potential: No data for product.

Mobility in Soil: No data for product.

Other Adverse Effects: None.

13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations. Offer empty containers for recycling.

14. Transport Information

DOT Hazardous Materials Description: UN3159, 1,1,1,2-Tetrafluoroethane, 2.2

IMDG Dangerous Goods Description: UN3159, 1,1,1,2-Tetrafluoroethane, 2.2

15. Regulatory Information

United States:

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CERCLA Section 103: This product has an RQ of 10,000 lbs. based on the RQ for Sodium Nitrite of 100 lbs. present at 1% maximum. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Classified under OSHA Hazcom 2012 GHS as per Section 2 of this SDS.

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372):

- Ammonium Hydroxide CAS # 1336-21-6 at 1.0%
- Sodium Nitrite CAS # 7632-00-0 at 1.0%

16. Other Information

NFPA Rating (NFPA 704): Health: 2 Fire: 2 Instability: 0

HMIS Rating: Health: 2 Fire: 2 Physical Hazard: 0

REVISION DATE: 12/05/2018

REVISION SUMMARY: New SDS

PREVIOUS REVISIONS DATE: N/A

DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH