

Material Safety Data Sheet**BS-12**Complies with OSHA's Hazard Communication Standard 29
CFR 1910.1200.**GOODSON****Tools and Supplies for Engine Builders**156 Galewski Drive • P.O. Box 847 • Winona, MN 55987-0847
Toll-Free 1-800-533-8010 • Local 507-452-1830 • www.goodson.com**DATE OF PREPARATION:** 12/13/06**REVISION:** 2/10/2012**1. IDENTIFICATION****Part Number & Description:** BS-12 Brake Conditioning Spray (Finishing) Treatment, Silencer**Emergency Phone:** 800-688-4005 (24 hours)**2. HAZARDOUS INGREDIENTS & OTHER COMPONENTS**

<u>Components</u>	<u>% by Weight</u>	<u>Exposure limits</u>		<u>CAS Number</u>
		<u>OSHA PEL</u>	<u>ACGIH TLV</u>	
Isobutane	20-30	1000		74-98-6
Propane	10-20	800		75-28-5
Heptane	10-30	400		142-82-5

THIS PRODUCT MAY CONTAIN ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372. SEE SECTION 10 FOR SPECIFIC MATERIALS.

3. PHYSICAL DATA**Boiling Point:** Concentrate - 98°C**Vapor Pressure:** P.S.I.G. @ 70°F = 25-40**Vapor Density (Air=1):** >1**Solubility in Water:** Insoluble**Appearance & Odor:** Silver / Hydrocarbon**Specific Gravity(H₂O=1):** Unknown**Percent Volatile By Wt:** Unknown**Evaporation Rate (Ethyl Ether = 1):** < 1**4. FIRE AND EXPLOSION HAZARD DATA****Flammability Classification:**

Extremely Flammable aerosol per ASTM D-3065-77 Flame Extension Test for aerosols. This is a warehouse storage Level 3 Aerosol.

Flash Point:

Concentrate only: Approx. 25 Deg. F.

Propellant only: minus (-) 156 Deg. F.

Flammable Limits:**LEL:**
Not est.**UEL:**
Not est.**Special Fire Fighting Procedures:**

Keep containers cooled with water fog to prevent bursting. Wear NIOSH approved self-contained breathing apparatus.

Extinguishing Media:CO₂, Foam, Dry Chemical**Unusual Fire and Explosion Hazards:**

Containers under pressure. Exposure to temperatures exceeding 120° F. may cause bursting. Ruptured containers may "rocket" out of local area causing possible injury or spread of fire.

5. HEALTH HAZARD DATA**Primary Route(s) of Entry:**

Inhalation = Yes

Dermal = Yes

Ingestion = Yes

Effects of Overexposure:**Eyes:** Slight to more severe irritation, redness.**Skin:** Low order of toxicity to skin. Redness. Frequent or prolonged contact may irritate and cause dermatitis.

Inhalation: High vapor/aerosol combinations (greater than 1000 ppm) are irritating to the eyes and respiratory tract. Prolonged exposure to very high concentrations for prolonged periods may cause headaches, dizziness, drowsiness, leading to unconsciousness and even death in extreme cases.

Ingestion: Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may result in inflammation and possible fluid accumulation in the lungs. Aspiration into lungs can cause chemical pneumonitis, which can be fatal.

Carcinogenicity: NTP = No IARC = No OSHA = No

Medical Conditions Generally Aggravated By Exposure:

Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists of fumes should be minimized.

Emergency and First Aid Procedures:

Eye Contact: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

Skin Contact: Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes and laundry before reuse.

Inhalation: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

Ingestion: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

6. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Heat, sparks, open flames, exposure to direct sunlight

Hazardous Decomposition: Carbon

Conditions to Avoid: Strong oxidizing agents.

Byproducts: monoxide

Hazardous Polymerization: Will not occur

Incompatibility: Strong oxidizing agents.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case Material is Released or Spilled:

Eliminate all sources of ignition. Ventilate area. Wear NIOSH approved self contained breathing apparatus if TLV is exceeded. Soak up with oil absorbent material and place in container for disposal.

Waste Disposal Method:

In accordance with all local, state, federal regulations.

Precautions to be taken in Handling and Storing:

Do not puncture, incinerate, store above 120° F. Keep away from heat, sparks, open flame.

8. SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH approved air supplied respirator if TLV is exceeded.

Ventilation: LOCAL EXHAUST: Sufficient to maintain below TLV

MECHANICAL: Sufficient to maintain below TLV

Protective Gloves: Recommended

Eye Protection: Safety glasses with safety side shields

Other Protective Clothing and Equipment: Suitable to protect bare skin. Shoes and clothing.

9. SPECIAL PRECAUTIONS

Avoid breathing of vapors. Use only in a well ventilated area. Do not use or store around sources of heat, sparks, or open flames.

10. SUPPLEMENTARY INFORMATION

SARA Title III:

Rating scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

HMIS Classification:

Health: 2 Flammability: 3 Reactivity: 0

NFPA Classification:

Health: 2 Reactivity: 0 Fire: 3 Special:

Periodically user should request new MSDS to assure it matches current formulation.

DISCLAIMER

THE ABOVE INFORMATION IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, SINCE DATA, SAFETY STANDARDS, AND GOVERNMENT REGULATIONS ARE SUBJECT TO CHANGE AND THE CONDITIONS OF HANDLING AND USE, OR MISUSE ARE BEYOND OUR CONTROL, WE MAKE NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. USER SHOULD SATISFY HIMSELF THAT HE HAS ALL CURRENT DATA RELEVANT TO HIS PARTICULAR USE.