

Safety Data Sheet

BS-12

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

Preparation: December 13, 2006

Review / Revision: May 2014

1. IDENTIFICATION

Part Number & Description: BS-12, Brake Conditioning Spray (Finishing) Treatment.
the SILENCER (As used on label and list)

Chemical Family: Mixed Solvents

HMIS Hazard Rating: Health: 2 Flammability: 3 Reactivity: 0

Manufacturer: IGRALUB Automotive LLC
Miami, FL U.S.A
800-266-4497

Distributor: Goodson Tools & Supplies
156 Galewski Drive
Winona, MN 55987
507-452-1830 or 800-533-8010

Emergency Phone: 800-924-6804 (24 hours)

2. HAZARD INGREDIENTS / IDENTITY INFORMATION

<u>Components</u>	<u>% by Weight</u>	<u>Exposure limits</u>		<u>CAS Number</u>
		<u>OSHA PEL</u>	<u>TWA</u>	
Isobutane	20-30	1,000	1,900 mg/m ³	75-28-5
Propane	10-20	800	1,800 mg/m ³	74-98-6
Aliphatic Hydrocarbon	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 / CHEMICAL CHARACTERISTICS

Boiling Point: 98°C (Ref: Concentrate)

Vapor Pressure: 4069 mmHg at 21 C, P.S.I.G. @ 70°F = 25-40

Solubility in Water: Insoluble, Negligible

Appearance & Odor: Silver / Hydrocarbon

Specific Gravity: 0.5 @ 16 C

Evaporation Rate: > 1 (Ref: Ethyl Ether = 1)

Vapor Density: >1 to <2

Freeze Point: Not Determined

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: <-100 F (<-73 C)

Upper Explosive Limit: 9.5%

Lower Explosive Limit: 1.8%

Extinguishing Media: Dry chemical or carbon dioxide. For larger fires, use water spray or foam.

Unusual Fires and Explosion Hazards: Contents under pressure, exposure to temperatures exceeding 120° F may cause bursting. Dangerous fire hazard when exposed to heat or flame.

5. HEALTH HAZARD DATA

Primary Route(s) of Entry:

Inhalation = Yes

Dermal = Yes

Ingestion = Yes

Effects of Overexposure:

Inhalation:

Acute: Vapors may be irritating to mucous membranes, high concentrations may cause headaches, dizziness, drowsiness, or possibly unconsciousness.

Chronic: No adverse effects have been reported.

Skin:

Acute: No adverse effects have been reported from the gas, prolonged contact may irritate and cause dermatitis.

Chronic: No adverse effects have been reported.

Eyes:

Acute: No adverse effects have been reported from the gas. Possible slight to more severe irritation, redness.

Chronic: No adverse effects have been reported.

Ingestion:

Acute: Ingestion of a gas is unlikely. Direct aspiration into lungs may cause chemical pneumonitis.

Chronic: No data available.

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: Wash thoroughly for at least 15 minutes. Get medical attention if irritation persists, .

Skin Contact: Avoid contact with skin and eyes. Wash hands after using with soap and water.

Inhalation: Use only with adequate ventilation. Avoid breathing vapor and spray mist. If inhaled, remove to fresh air.

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

6. STABILITY / REACTIVITY DATA

Stability: Stable.

Conditions to Avoid: High heat or Open Flames, Strong Oxidizing Agents.

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition or Byproduct: Carbon, Monoxide.

Hazardous Polymerization: Will not occur.

7. SPILL OR LEAK PROCEDURES

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

Eliminate all sources of ignition. Ventilate area. Soak up with oil absorbent material and place in container for disposal.

Waste Disposal Method:

In the as supplied condition, product can be disposed of in an approved landfill, in accordance with local, state, and 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: If operation are such that atmospheric levels of contaminants exceed TLV limits, provide local exhaust ventilation and/or adequate NIOSH approved respiratory protection.

Eye Protection: Safety goggles with side shields.

Protective Gloves: Suggested.

Work/Hygiene: Clothes and shoes suitable to protect bare skin. Launder soiled clothing before reuse.

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 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:

11. ECOLOGICAL INFORMATION

No data is available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

12. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with Local, State and Federal Regulations. This product may produce concentrated hazardous vapors or fumes in a disposal container creating a dangerous environment. Refer to '40 CFR Protection of Environment Parts 260-299' for complete waste disposal regulations for ignitable materials. Do not flush to sanitary sewer or waterway.

13. TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not regulated.
HAZARD CLASS / Pack Group: None / None
IATA HAZARD CLASS / Pack Group: None
REFERENCE: Not applicable.
IMDG HAZARD CLASS: None
IDENTIFICATION NUMBER: None
RID / ADR Dangerous Goods Code: None
LABEL: None required.

14. 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 expressed or implied, with respects to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. The formulation pictorial accumulated herein is believed to be accurate but it is not warranted to be, whether it originates with the actual manufacturer or not. The addition of reducers or other additives to this product may substantially alter the composition and hazards of this product. Since the conditions of use are outside of our control, we make no warranties; expressed or implied and assume no liability in connection with any use of this information or actual product. This information is offered solely for use in your evaluation of this product in respects to safety, health and environmental hazards. User should completely satisfy himself, that he has all current data relevant to any particular use of this product and not only rely on marketing information.