

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration
MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

SECTION 1**IDENTIFICATION**

Product Name: **BRAKE & PARTS CLEANER II #120298**
Distributor's Name: IBS, Inc.
Distributor's Address: P.O. Box 1717 - Auburn, WA 98001
Distributor's Phone Number: (800)678-1906
Emergency Phone Number: (800)255-3924
DOT Hazard Classification: Heptanes, 3, UN1206, PG II
Effective Date: 04/21/10

SECTION 2**IDENTITY INFORMATION AND HAZARDOUS INGREDIENTS**

Chemical Name:	CAS No.:	PEL:	TLV:	Carcinogen:
Heptane	142-82-5	400ppm	400ppm	No
Methyl Alcohol	67-56-1	200ppm	200ppm	No
Isopropanol	67-63-0	400ppm	400ppm	No

SECTION 3**PHYSICAL DATA**

Boiling Point:	198-212°F @760mmhg	Specific Gravity :	0.71 + 0.05
Vapor Pressure:	76mmhg @68°F	Evaporation Rate:	Slower than ether
Percent Volatile:	No data	Vapor Density (Air=1):	>1

SECTION 4**FIRE AND EXPLOSION HAZARD DATA**

Flash Point: (TCC) 15°F
Explosive Limit: (Lowest value of component) Lower : 1.9% Upper : 11.6%
Extinguishing Media: Regular foam or carbon dioxide or dry chemical.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.
Unusual Fire and Explosion Hazards: Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. All five gallon pails and larger metal containers including tank cars and tank trucks should be grounded and/or bonded when material is transferred. Material is highly volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point.

SECTION 5**REACTIVITY DATA**

Stability: Unstable _____
Stable _____
Incompatibility (Materials to Avoid): Acetaldehyde, acids, chlorine, ethylene oxide isocyanates, strong oxidizing agents, Do not use with aluminum equipment at temperatures above 120°F.
Hazardous Decomposition or Byproducts: Carbon dioxide and carbon monoxide, various hydrocarbons.
Hazardous Polymerization: Will not occur

SECTION 6**STORAGE AND HANDLING INFORMATION**

Precautions to be Taken in Handling and Storing: Empty containers retain product residue which should be treated in accordance with all precautions on this data sheet.
KEEP AWAY FROM CHILDREN FOR USE BY TRAINED PERSONNEL ONLY KEEP CONTAINER CLOSED DURING STORAGE
WARNING: Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "autoignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

SECTION 7 HEALTH HAZARDS AND FIRST AID

Effects of Acute Overexposure:

- SKIN:** Exposure may cause mild skin irritation. Prolonged or repeated exposure may irritate and cause dermatitis. dry the skin.
- EYES:** Exposure can cause eye irritation. Symptoms may include stinging, tearing, and redness.
- INHALATION:** Exposure to vapor or mist is possible. Short-term inhalation toxicity is low. Breathing small amounts during normal handling is not likely to cause harmful effects; breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits.
- INGESTION:** Single dose oral toxicity is moderate. Swallowing may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

First Aid Procedures:

- SKIN:** Remove contaminated clothing. Immediately wash exposed area with soap and water. If irritation persists, get medical attention. Launder clothing before reuse.
- EYES:** Move individual away from exposure and into fresh air. Immediately flush with large quantities of water or at least 15 minutes, lifting upper and lower eyelids occasionally. Seek medical attention immediately.
- INHALATION:** Remove person to fresh air. If breathing is difficult, administer oxygen. Keep person warm, quiet and get medical attention.
- INGESTION:** Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

SECTION 8 SPECIAL PROTECTION INFORMATION

- Respiratory Protection:** If TLV is exceeded, NIOSH/MSHA air respirator advised.
- Ventilation:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
- Protective Gloves:** As with all cleaners, IBS supports employee safety as priority #1. Therefore, we recommend the use of impervious, waterproof gloves.
- Eye Protection:** As with all cleaners, IBS supports employee safety as priority #1. Therefore, we recommend the use of chemical splash goggles.
- Other Protective Equipment:** To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

SECTION 9 SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released or Spilled:

Small Spill: Absorb liquid on vermiculite, floor absorbent or other absorbent material.

Large Spill: Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

Waste Disposal Method:

Dispose of in accordance with all applicable laws.

SECTION 10 REGULATORY INFORMATION

SARA Title III, Section 313 Components:

Methyl Alcohol 67-56-1

This information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition. We make no warranties, express or implied, and assume no liability in connection with any use of this information. BRAKE & PARTS CLEANER II