

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. Department of Labor

Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY

MASTER LUBE (120250)

*Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.*

Section I

Manufactured For: Beaver Research Company		Emergency Telephone Number 1-800-255-3924 (Chem-Tel)	
Address (Number, Street, City, State, and ZIP Code) 3700 E. Kilgore Road, Portage, MI 49002		Telephone Number For Information 269-382-0133	
HMIS RATINGS:	Health: 2	Date Prepared 01/29/01	
0-Minimal 3-Serious	Fire: 2	Signature of Preparer (optional)	
1-Slight 4-Extreme	Reactivity: 0		
2-Moderate	Personal Protection: C		

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	TWA/ TLV	313/Chem	Carcino- gen	% (optional)
Trichloroethylene	79-01-6	50 ppm	50 ppm	Yes	Yes	60-80
Mineral Oil	8042-47-5	5mg/m ³	5mg/m ¹	No	No	10-20
Ethylene Glycol Monobutyl Ether	111-76-2	25 ppm	25 ppm	Yes	No	01-05
Carbon Dioxide	124-38-9	10000ppm	10000ppm	No	No	01-05

Section III - Physical/Chemical Characteristics

Boiling Point	158°F	Specific Gravity (H ₂ O = 1) @75°	1.25
Vapor Pressure of can (psig @ 70°F)	90	Total VOC (Volatile Organic Compound)%	87%
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Insoluble	pH N/A		

Appearance and Odor

Transparent Liquid, Solvent Odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) None to boil 158°F (of concentrate only)	Flammable Limits Non-Flammable Spray	LEL N/A	UEL N/A
---	---	------------	------------

Extinguishing Media

Foam, CO₂, Dry Media

Special Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

Unusual Fire and Explosion Hazards

Exposure to temperature above 120°F may cause bursting. Vapors concentrated in a confined or poorly ventilated area can be ignited upon contact with a high energy spark, flame, or high intensity source of heat. This can occur at concentrations ranging from > 8-52%.

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	N/A
	Stable	X		

Incompatibility (Materials to Avoid)

Avoid contact with strong oxidizing agents.

Hazardous Decomposition or Byproducts

Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride and possible trace amounts of Phosgene.

Hazardous	May Occur		Conditions to Avoid	N/A
Polymerization	Will Not Occur	X		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes
Health Hazards (Acute and Chronic)			
Eyes: Causes pain, redness, and irritation. Skin: Frequent or prolonged contact may cause irritation. Inhalation: Inhalation may result in nervous system depression. Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects including, but not limited to, ventricular fibrillation, cardiac failure or death. Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A
Signs and Symptoms of Exposure			
See above "Health Hazards".			
Medical Conditions Generally Aggravated by Exposure			
N/A			
Emergency and First Aid Procedure			
Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. Get medical attention immediately. Skin: Wash with plenty of soap and water. If irritation persists seek medical attention. Inhalation: Remove to fresh air. If continued difficulty is experienced, seek medical attention immediately if unconscious. Do not attempt to give anything by mouth to an unconscious person. Seek medical attention immediately.			

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled	
Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.	
Waste Disposal Method	
Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.	
Precautions to be Taken in Handling and Storage	
Keep out of reach of children. For Industrial and Institutional use only. Store in a cool, dry area away from heat or open flames. Do not store at temperatures above 120°F. NFPA Code 30B Rating: Level 1 Aerosol.	
Other Precautions	
N/A	

Section VIII - Control Measures

Section III: Control Measures

Respiratory Protection (Specify Type)			
None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below Threshold Limit Value (TLV) levels, use a NIOSH/MSHA approved air-purifying respirator equipped with an organic vapor cartridge.			
Ventilation	Local Exhaust	Yes	Special N/A
	Mechanical(General)	N/A	Other N/A
Protective Gloves		Eye Protection	
Chemical resistant gloves.		Chemical proof splash goggles or face shield with safety glasses for splash protection.	
Other Protective Clothing or Equipment			
N/A			
Work/Hygienic Practices			
N/A			

The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.