

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

MASTERLUBE (BULK) 120251

*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:

0 = Minimal 3 = Serious

1 = Slight 4 = Extreme

2 = Moderate

Health: 2

Flammability: 1

Reactivity: 0

Special Protection:

Date Prepared

12/22/03

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity InformationHazardous Components (Specific Chemical
Identity; Common Name(s))

CAS No.

OSHA PEL

ACGIH
TLVOther Limits
Recommended%
(optional)

1,1,1, Trichloroethane

71-55-6

350

350

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70-80

Butyl Cellosolve

111-76-2

50

50

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3-5

Section III - Physical/Chemical Characteristics

Boiling Point

150F

Specific Gravity (H₂O = 1)

1.285

Vapor Pressure (mm Hg)

N.A.

Melting Point

Vapor Density (AIR = 1)

N.D.

Evaporation Rate
(Butyl Acetate = 1)

No Data

Solubility in Water

Slight

pH

Appearance and Odor

Clear yellowish liquid – mild sweetish odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

None up to 150F T.O.C.

Flammable Limits

Non-Flammable

LEL

NA

UEL

NA

Extinguishing Media

Foam, dry chemical, carbon dioxide

Special Fire Fighting Procedures

Keep containers cool. Use equipment or shielding required to protect personnel against bursting, rupturing, or venting containers.

Unusual Fire and Explosion Hazards

At elevated temperatures (above 120F) containers may vent, rupture, or burst

Section V - Reactivity Data

Stability

Unstable

Stable

Conditions to
Avoid

Do not expose to temperatures above 120F

X

Incompatibility (Materials to Avoid)

Strong alkalis, oxidizers, aluminum and other reactive metals.

Hazardous Decomposition or Byproducts

Abnormally high temperatures possible trace amounts of phosgene.

Hazardous

May Occur

Conditions to
Avoid

None

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: Can cause severe irritation, redness, tearing, and blurred vision.

Skin: Prolonged or repeated contact can cause moderate irritation, defatting and dermatitis.

Inhalation: Excessive inhalation of vapors can cause irritation, dizziness, nausea, headaches, unconsciousness and possible death. Chronic cover exposure may cause liver, kidney or lung disease, anemia, coronary disease or rhythm disorders of the heart.

Ingestion: Can cause severe gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
No	No	No	No

Signs and Symptoms of Exposure

N.A.

Medical Conditions Generally Aggravated by Exposure

N.A.

Emergency and First Aid Procedure

Eyes & Skin : Flush eyes with water, lifting upper and lower lids. Get medical attention. Wash exposed skin areas with soap and water. **Inhalation:** Remove to fresh air. If breathing is difficult, administer oxygen. If breathing stops give artificial respiration. Get medical attention. **Ingestion:** Do not induce vomiting. Get medical attention. Aspiration of material into lungs due to vomiting can cause chemical pneumonitis.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Clean up area by mopping or with absorbent materials and place in closed containers for disposal. Contact Federal, state or local authorities for approved disposal procedures.

Waste Disposal Method

When used properly aerosol products do not generate hazardous waste. Empty depressurized containers. Can not be reused and should be wrapped and put in a permitted waste management facility. Consult Federal, state and local disposal authorities for approved procedures.

Precautions to be Taken in Handling and Storage

Do not store at temperatures above 120F.

Other Precautions

Please read and follow the directions on the product label. They are your best guide to using this product in the most effective way and they also give the necessary safety precautions to protect your health.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Where vapor concentration is 100-1000 ppm, organic vapor respirator. If concentration exceeds 1000ppm self contained breathing apparatus.

Ventilation	Local Exhaust	Sufficient	Special	N.A.
	Mechanical(General)	Sufficient	Other	N.A.

Protective Gloves

Chemical resistance: viton or polyvinyl chloride

Eye Protection

Other Protective Clothing or Equipment

Eye Protection: Wear approved safety glasses or chemical splash goggles where splashing.

Work/Hygienic Practices

Don't eat, drink, or smoke in work areas. Wash hands before eating.
