

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

COOL CUTTING FLUID (120078) MSDS No.395

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

Address (Number, Street, City, State, and ZIP Code)

3700 E. Kilgore Road, Portage, MI 49002

NFPA/HMIS RATINGS:

Health: 2/2
Flammability: 2/2
Reactivity: 0/0
Special Protection: 0/B

Emergency Telephone Number

800-255-3924 (Chem-Tel)

Telephone Number For Information

269-382-0133

Date Prepared

07/06/99

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	SARA III List	OSHA PEL	ACGIH TLV	Carcinogen Ref. Source**	% (optional)
Isobutane/Propane Blend	75-28-5	No	800	800	d	
	74-98-6	No	1000	1000	d	
Petroleum Oil	64742-53-6	No	5mg/m ³	5mg/m ³	d	

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.0
Vapor Pressure (mm Hg)	N/A	Vapor Pressure PSIG@70° (Aerosols)	
Vapor Density (AIR = 1)	N/E	Evaporation Rate (Butyl Acetate = 1)	N/E
Solubility in Water	Insoluble	pH	Total VOC: 10%
Water Reactive	No	N/A	

Appearance and Odor

Dark oil, with odor of sulfurized oils.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A	N/A	N/A	N/A

Extinguishing Media

Foam, dry chemical, carbon dioxide.

Special Fire Fighting Procedures

Self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

Do not expose aerosols to temperatures above 130°F or the container may rupture.

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	N/A
	Stable	X	

Incompatibility (Materials to Avoid)

Strong oxidizers.

Hazardous Decomposition or Byproducts

CO, CO², sulfur oxides.

Hazardous	May Occur	Conditions to Avoid	Open flame, welding arcs, heat.
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)

Acute- Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness. **Eye Contact:** Irritant. **Skin Contact:** Irritation.

Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.

Chronic- Unknown.

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

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

May aggravate existing eye, skin or upper respiratory conditions.

Emergency and First Aid Procedure

Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention. **Skin Contact:** Wash with soap and water. If irritated, seek medical attention. **Inhalation:** Remove to fresh air. Resuscitate if necessary. Get medical attention. **Ingestion:** DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. Keep out of sewers and streams.

Waste Disposal Method

Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

Precautions to be Taken in Handling and Storage

Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

Other Precautions

KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.

Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical(General)	Adequate	Other	N/A

Protective Gloves

None, unless skin irritation is a problem.

Eye Protection

Safety glasses recommended.

Other Protective Clothing or Equipment

None.

Work/Hygienic Practices

Wash with soap and water and water before handling food. Remove contaminated clothing.