

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

NO GRAB (120001)

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

Manufacturer's Name 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 RATING: (Based on Aerosol Concentrate): 0-Minimal; 1-Slight; 2-Moderate; 3-Serious; 4-Extreme HEALTH 1 REACTIVITY 1	Date Prepared 02/21/03
FIRE 3 PERSONAL PROTECTION: B	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS#	PEL	TWA/TLV	313/Chem	% (optional)
Isoparaffinic Hydrocarbon	64741-66-8	400ppm	400ppm	No	5-10
Copper Compound	7440-50-8	N/E	N/E	Yes	10-20
Liquified Petroleum Gas	68476-85-7	1000ppm	1000ppm	No	40-60
Isoparaffinic Hydrocarbon	64742-47-8	300ppm	300ppm	No	5-10
Acetone	67-64-1	1000ppm	1000ppm	No	10-20

Section III - Physical/Chemical Characteristics

Boiling Point	-133°F	Specific Gravity (H2O = 1) @ 75°F:	1.034
Vapor Pressure of can (psig @ 70°F)	40	Total VOC	49%
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Slight	pH N/A		
Appearance and Odor Gray Viscous Liquid, Solvent Odor			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) (Of concentrate only)	Flammable Limits Extremely 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 temperatures above 120°F may cause bursting.			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid None
	Stable	X	
Incompatibility (Materials to Avoid) Avoid contact with strong oxidizing agents.			
Hazardous Decomposition or Byproducts Carbon Dioxide, Carbon Monoxide			
Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	--	Yes

Health Hazards (Acute and Chronic)

Eyes: May cause slight irritation but does not injure eye tissue.**Skin:** Frequent or prolonged contact may cause irritation.**Inhalation:** 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.**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
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. If irritation persists get medical attention immediately. **Skin:** Wash with soap and water. If irritation persists seek medical attention. **Inhalation:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration. **Ingestion:** Do not induce vomiting. 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. 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 THE REACH OF CHILDREN. For Industrial & Institutional Use Only. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120°F. NFPA Code 30B Rating: Level 3 Aerosol.

Other Precautions

N/A

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None needed for proper use in accordance with label directions.

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

Protective Gloves

None needed for proper use in accordance with label directions.

Other Protective Clothing or Equipment

Eye Protection: None needed unless it is anticipated that a splash or sprayback will occur, then wear safety glasses.

Work/Hygienic Practices

No smoking.

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.

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