

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

PERFORMANCE 20 (270041) MSDS No. RL420

*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	
NFPA/HMIS Ratings:	Health:	2/2	Date Prepared 04/20/98
	Flammability:	3/3	Signature of Preparer (optional)
	Reactivity:	0/0	
	Special Protection:	-/B	

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	SARA III List	Carcinogen Ref.Source**
Butyl Hydrate	78-92-2	150	100	Yes	d
Cresol	1319-77-3	5	5	Yes	d
Petroleum Distillate	8002-05-9	5mg/m3	5mg/m3	No	d

**Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

DOT Hazard Classification: Flammable Liquid 3

Section III - Physical/Chemical Characteristics

Boiling Point	120°F	Specific Gravity (H2O = 1)	0.89
Vapor Pressure (mm Hg)	200	Vapor Pressure: PSIG @ 70°F (Aerosols)	N/A
Vapor Density (AIR = 1)	4	Evaporation Rate (Butyl Acetate = 1)	2
Solubility in Water Negligible		Water Reactive Negligible	
Appearance and Odor Clear red liquid with characteristic odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 83°F TCC	Flammable Limits N/A	LEL N/D	UEL N/D
Extinguishing Media Dry chemical (preferred), carbon dioxide, water fog.			
Special Fire Fighting Procedures Self-contained breathing apparatus.			
Unusual Fire and Explosion Hazards Slight when exposed to heat or flame. Combustible at high temperatures.			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	N/A
	Stable	X		
Incompatibility (Materials to Avoid)				
Strong oxidizers.				
Hazardous Decomposition or Byproducts				
Oxides of carbon.				
Hazardous	May Occur		Conditions to Avoid	Oxidizing atmospheres, heat, flames, sparks.
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 Effects: Inhalation: Headache, nausea, incoordination, drowsiness. Eye Contact: Irritant, may cause chemical burn. Skin Contact: Irritant, may cause chemical burn. Ingestion: May cause vomiting, nausea, diarrhea. May get systemic poisoning. Chronic Effects: None noted.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

See above.

Medical Conditions Generally Aggravated by Exposure

None noted other than irritant.

Emergency and First Aid Procedure

Eye Contact: Wash with large amounts of water. If irritation persists, call a physician. **Skin Contact:** Remove contaminated clothing. Wash with soap and water. **Inhalation:** Remove to fresh air. **Ingestion:** DO NOT INDUCE VOMITING. Give 3-4 glasses of water. Seek medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.

Waste Disposal Method

Dispose of in accordance with local, state and federal requirements.

Precautions to be Taken in Handling and Storage

Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed. Shelf life one year.

Other Precautions

KEEP OUT OF REACH OF CHILDREN. Remove ignition sources.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

NIOSH/MSA self-contained breathing apparatus in confined areas.

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

Protective Gloves

Neoprene or plastic.

Eye Protection

Splash goggles or safety glasses.

Other Protective Clothing or Equipment

Oil resistant apron.

Work/Hygienic Practices

Do not work in oil soaked clothing. Wash after handling.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.