

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

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.

IDENTITY JACK HAMMER RTU (110145)

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: 0 Flammability: 0 Reactivity: 1	0	Date Prepared 09/12/01 Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
None					

Section III – Physical/Chemical Characteristics

Boiling Point	225°F	Specific Gravity (H ₂ O = 1)	1.09
Vapor Pressure (mm Hg)	N/D	Melting Point	N/A
Vapor Density (AIR = 1)	N/D	Evaporation Rate (Water = 1)	N/D
Solubility in Water Infinite	pH N/A	Total VOC N/A	

Appearance and Odor

Clear pale yellow liquid.

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)	None	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Water fog, dry chemical, carbon dioxide.				
Special Fire Fighting Procedures Firemen should use self-contained breathing apparatus.				
Unusual Fire and Explosion Hazards Contact with most metals produces hydrogen which may form flammable mixtures with air.				

Section V – Reactivity Data

Stability	Unstable Stable	X	Conditions to Avoid	None
Incompatibility (Materials to Avoid) Avoid contact with strong alkalis or alkali metals.				
Hazardous Decomposition or Byproducts Heating to decomposition may yield oxides of carbon, nitrogen or chlorine.				
Hazardous Polymerization	May Occur Will Not Occur	X	Conditions to	None

Section VI – Health Hazard Data

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

Health Hazards (Acute and Chronic)

Acute: Prolonged skin and eye contact can result in irritation. May be harmful or fatal if swallowed.

Chronic: None known.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A

Signs and Symptoms of Exposure

Irritated eyes, skin, nose and throat.

Medical Conditions Generally Aggravated by Exposure

None know.

Emergency and First Aid Procedure

Eyes: Flush with water, if irritation persists, get medical attention.

Skin: Flush with water, remove contaminated clothing.

Inhalation: Remove to fresh air.

Ingestion: Consult a physician.

Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Collect and add slowly to large volume of soda ash solution. Caution! Heat may be generated.

Waste Disposal Method

Any method for the disposal of chemical wastes subject to local, state and federal regulations.

Precautions to be Taken in Handling and Storage

Handle with care. Keep from freezing.

Other Precautions

Keep away from children.

Section VIII – Control Measures

Respiratory Protection (Specify Type)

None required under normal use conditions.

Ventilation	Local Exhaust	If general is inadequate.	Special	None.
	Mechanical (General)	Normal ventilation.	Other	None.

Protective Gloves

Chemically resistant.

Eye Protection

Goggles.

Other Protective Clothing or Equipment

Impervious clothing.

Work/Hygienic Practices

Observe good personal hygiene. Wash hands before eating, avoid inhalation or ingestion.