

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

HIGH LOAD 90W-399 (270085)

*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

MSDS Number: RL 379M, 380M, 399M

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: 1/1

Flammability: 1/1

Reactivity: 0/0

Personal Protection: -/B

Date Prepared

04/20/03

Signature of Preparer (optional)

DOT Hazard Classification: Non-Hazardous

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical
Identity; Common Name(s))

CAS No.

OSHA PEL
(ppm)

ACGIH TLV(ppm)

Carcinogen
Ref. Source**

SARA
III List

Petroleum Oil Mixture

8002-05-9

5mg/M3

5mg/M3

d

No

TWA for oil mist

TWA for oil mist

Section III - Physical/Chemical Characteristics

Boiling Point

>450°F

Specific Gravity (H2O = 1)

0.88

Vapor Pressure (mm Hg and Temperature)
(Non-Aerosols)

<0.01

Vapor Pressure : PSIG @ 70°F
(Aerosols):

N/A

Vapor Density (AIR = 1)

12

Evaporation Rate
(BUAC = 1)

<0.01

Solubility in Water

Water Reactive

Negligible

No

Appearance and Odor

Green fluid with oil odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

(non-aerosols) >400°F COC

Flammable Limits

LEL

UEL

N/D

N/D

Extinguishing Media

Dry chemical (preferred), carbon dioxide, foam, water.

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)

Chlorine or oxygen.

Hazardous Decomposition or Byproducts

Oxides of carbon.

Hazardous

May Occur

Conditions to
Avoid

Oxidizing atmospheres.

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:** May cause respiratory tract irritation. **Eyes:** May cause irritation. **Skin:** May cause irritation. **Ingestion:** May cause vomiting, nausea, diarrhea.

Chronic: None noted.

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

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedure

Eyes: Wash with large amounts of water. If irritation persists, call a physician. **Skin:** 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 regulations.

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 Empty containers may contain explosive gas.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None required.

Ventilation	Local Exhaust	N/A	Special	N/A
None required in excess to normal ventilation.	Mechanical(General)	N/A	Other	N/A
Protective Gloves	Eye Protection			
Neoprene or plastic.	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.

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