

# 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 GEAR OIL RL380 (270080)**

*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

**DOT HAZARD CLASS.: Non-Hazardous**

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 RATING: 0-Minimal; 1-Slight; 2-Moderate; 3-Serious; 4-  
Extreme

Date Prepared

**02/27/00**

HEALTH ..... 2 REACTIVITY ..... 0/0

Signature of Preparer (optional)

FLAMMABILITY.. 3 PERSONAL PROTECTION: B

### Section II - Hazardous Ingredients/Identity Information

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

CAS No.

OSHA PEL

ACGIH  
TLV

Carcinogen  
Ref. Source\*\*

%  
(optional)

Petroleum Distillate

8052-41-3

500

100

d

--

Petroleum Distillate

64742-93-4

5mg/M3

5mg/M3

d

--

Isobutane / Propane Blend

75-28-5

800

800

d

--

74-98-6

1000

1000

d

--

### Section III - Physical/Chemical Characteristics

Boiling Point

N/E

Specific Gravity (H<sub>2</sub>O = 1)

0.88

Vapor Pressure (psig @70°F) Aerosols:

n/a

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

N/A

Vapor Density (AIR = 1)

N/E

Evaporation Rate  
(Butyl Acetate = 1)

<0.01

Solubility in Water

Water Reactive: No

Insoluble

Appearance and Odor

Oily, black opaque fluid with petroleum odor.

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

Flammable Limits

LEL

UEL

(Concentrate Only): 120F (TCC)

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

Liquid contained in aerosol is combustible and may be ignited by heat or flame. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Do not expose aerosols to temperatures above 130 F or the container may rupture.

### Section V - Reactivity Data

Stability

Unstable

Conditions to  
Avoid

None

Stable

X

Incompatibility (Materials to Avoid)

Chlorine or oxygen.

Hazardous Decomposition or Byproducts

Oxides of carbon.

Hazardous

May Occur

Conditions to  
Avoid

Oxidizing atmospheres.

## High Load Gear Oil RL380 - Page 2

04/20/93

### Section VI - Health Hazard Data

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

Health Hazards (Acute and Chronic)

**Inhalation:** Excessive inhalation of vapors can be harmful and may cause headache, dizziness, irritation of nose & throat, anesthetic effects and possible unconsciousness.

**Eye Contact:** Irritation, burning, tearing, redness.

**Ingestion:** May irritate gastrointestinal tract or initiate aspiration

**Skin Contact:** Possible mild irritation.

**CHRONIC EFFECTS:** (Effects due to excessive exposure to the raw material of this mixture) Prolonged/repeated contact with skin may cause redness, burning, drying and cracking of the skin and dermatitis.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	n/a	n/a	n/a

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

None noted.

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 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	normal	Special	N.A.
	Mechanical(General)	N.A.	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.

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