

# MATERIAL SAFETY DATA SHEET

Revised: September, 1998

## PRODUCT IDENTIFICATION:

Graham Traction Oil - Beta (Red)

## SECTION I

## MANUFACTURER'S NAME:

Benz

## EMERGENCY TELEPHONE NUMBER:

Company: Benz Phone: (414) 442-2900

## TELEPHONE NUMBER FOR INFORMATION:

Company: Benz Phone: (414) 442-2900

## DISTRIBUTOR:

Graham, Division of Danfoss, Inc.  
8800 West Bradley Road  
Milwaukee, WI 53224  
Phone: (414) 355-8800

## SECTION II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS:	OSHA PEL	ACGIH TLV	OTHER LIMITS	%
Mineral Oil	5mg/M <sup>3</sup>	For oil mist		95
Proprietary non-hazardous ingredients				5

## SECTION III - Physical/Chemical Characteristics

BOILING POINT: 500 degrees Fahrenheit

SPECIFIC GRAVITY(H<sub>2</sub>O=1): 0.9

VAPOR PRESSURE(mm Hg): 0.01

MELTING POINT: N/A

VAPOR DENSITY(AIR=1): 5

EVAPORATION RATE: NIL

SOLUBILITY IN WATER: Very slight at room temperature

APPEARANCE AND ODOR: Red oily liquid, mineral oil odor

**SECTION IV - Fire and Explosion Hazard Data****FLASH POINT:**(Method Used) 200 degrees Fahrenheit (COC)**FLAMMABLE LIMITS****LEL:** 1 **UEL:** 7**EXTINGUISHING MEDIA:** Foam, dry chemical, water spray/fog, carbon dioxide**SPECIAL FIRE FIGHTING PROCEDURES:** Use water spray to cool surfaces exposed to fire and to protect personnel**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Avoid breathing products of combustion which include fumes, smoke, carbon monoxide and carbon dioxide**SECTION V - Reactivity Data****STABILITY:** Stable**CONDITIONS TO AVOID:** Overheating for extended periods will cause color degradation**INCOMPATIBILITY:** Avoid contact with strong oxidants such as chlorine gas**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Fumes, smoke, CO x, SO x, NO x, when combusted**HAZARDOUS POLYMERIZATION:** Will not occur**CONDITIONS TO AVOID:** N/A**SECTION VI - Health Hazard Data****ROUTE(S) OF ENTRY:****INHALATION?** Yes**SKIN?** Yes**INGESTION?** Yes**HEALTH HAZARDS:(ACUTE AND CHRONIC)** Product has a low order of acute, oral & dermal toxicity. Product contacting the eyes may cause irritation. Repeated skin contact may cause skin irritation or dermatitis because these types of products tend to remove natural emollients**CARCINOGENICITY:** None**NTP?****IARC MONOGRAPHS?****OSHA REGULATED?****SIGNS AND SYMPTOMS OF EXPOSURE:** Reddening & irritation of eyes or skin**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Pre-existing dermatitis of skin diseases

**EMERGENCY AND FIRST AID PROCEDURES:**

**Skin contact:** Wash with a mild soap containing lanolin or other emollients.

**Eye contact:** Flush eyes with clear water for 15min. & contact a physician if irritations persists.

**Ingestion:** Do not induce vomiting. Contact a physician.

**Inhalation:** Remove to fresh air.

**SECTION VII - Precautions for safe handling and use**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Recover free product. Add sand, earth, or other absorbent to spill. Minimize skin contact. Keep product out of sewers & waterways. Advise authorities of large spills. Dispose of material in a licensed landfill or incineration facility in accordance with local, state & federal regulations.

**WASTE DISPOSAL METHOD:** Dispose of material in a licensed landfill or incineration facility in accordance with local, state, and federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store away from heat, sparks and other ignition sources. Empty containers retain residual oil. Do not pressurize, cut, weld, solder, drill, grind, or expose drums to other ignition sources.

**OTHER PRECAUTIONS:** In most cases, good personal hygiene is all that is needed for safe trouble-free use of this product. Splash goggles and oil resistant gloves may be useful in certain applications. Under normal conditions of use, local exhaust provides sufficient vent.

**SECTION VIII - Control Measures**

**RESPIRATORY PROTECTION:** Not usually required

**VENTILATION:**

**LOCAL EXHAUST:** Not usually required in confined areas

**MECHANICAL:** N/A

**SPECIAL:** N/A

**OTHER:** N/A

**PROTECTIVE GLOVES:** Oil resistant

**EYE PROTECTION:** Splash goggles recommended

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** While not usually required, oil resistant apron protects clothing.

**WORK/HYGIENIC PRACTICES:** Use good personal hygiene

**Hazardous Materials Identification System(HMIS):**

Health	1
Fire	1
Reactivity	0
Personal Protective Equipment	B