

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER S INFORMATION	
<b>NFPA Rating:</b> Health-1; Flammability-1; Reactivity-0; Special- <b>Manufacturer's Name:</b> H & B Industries, Inc. <b>Address:</b> 9758 Abernathy Ave. <b>Address:</b> Dallas, TX 75220	<b>HMIS Rating:</b> Health-1; Flammability-1; Reactivity-0; Personal Protection-B <b>DOT Hazard Classification:</b> Non-Hazardous <b>Identity</b> (trade name as used on label) <b>HB-580 ARCTIC TEMP GREASE</b>
<b>Date Prepared:</b> 02/05/2005 <b>Prepared By:</b> ED <b>Information Calls:</b> (800) 466-0855 <b>Emergency Response Number:</b> 1-800-535-5350	<b>MSDS Number:</b> HB580 <b>Revision -</b> 3 <b>NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA</b>

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
<b>PETROLEUM OIL MIXTURE</b>	8002-05-9	No	5mg/M3 TWA for oil mist	5mg/M3 TWA for oil mist	d

## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> N/A	<b>Specific Gravity (H2O=1):</b> 0.8
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A	<b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> <0.01
<b>Vapor Density (Air = 1):</b> 12	<b>Evaporation Rate ( = 1):</b> N/A
<b>Solubility in Water:</b> Negligible	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> Red gel with oil odor.	

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

<b>FLAMMABILITY</b> as per USA FLAME	<b>Auto Ignition Temperature</b>	<b>Flammability Limits in Air by % in Volume:</b>
<b>PROJECTION TEST (aerosols)</b> N/A	N/A	<b>% LEL:</b> N/D <b>% UEL:</b> N/D
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> >400°F COC		<b>EXTINGUISHER MEDIA:</b> Dry chemical (preferred), carbon dioxide, foam, water.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Self-contained breathing apparatus.		
<b>Unusual Fire &amp; Explosion Hazards:</b> Empty containers may retain product residue including flammable or explosive vapors. Do not cut, drill, grind or weld on or near full, part full or empty drum.		

## SECTION 4 - REACTIVITY HAZARD DATA

<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
<b>Incompatibility (Mat. to avoid):</b> Chlorine or oxygen.	<b>Conditions to Avoid:</b> Oxidizing atmospheres.
<b>Hazardous Decomposition Products:</b> Thermal: unidentified organics. Oxidation: oxides of carbon.	

## SECTION 5 - HEALTH HAZARD DATA

<b>PRIMARY ROUTES OF ENTRY:</b>	<input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS
<b>ACUTE EFFECTS:</b>	
<b>Inhalation:</b> Not expected to be a problem. Massive exposure to vapors or fumes may cause headaches, dizziness, and/or drowsiness.	
<b>Eye Contact:</b> May cause irritation.	<b>Skin Contact:</b> May cause irritation.
<b>Ingestion:</b> May cause vomiting, nausea, diarrhea.	
<b>CHRONIC EFFECTS:</b> None noted.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> Dermatitis.	

## EMERGENCY FIRST AID PROCEDURES

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

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

<b>Respiratory Protection (specify type):</b> None required.	<b>Eye Protection:</b> Splash goggles or safety glasses.
<b>Protective Gloves:</b> Oil resistant types.	<b>Ventilation Requirements:</b> None required in excess to normal ventilation.
<b>Other Protective Clothing &amp; Equipment:</b> Oil resistant apron.	<b>Hygienic Work Practices:</b> Do not work in oil soaked clothing. Wash after handling.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.
<b>Waste Disposal Methods:</b> Dispose of in accordance with local, state and federal regulations.
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed. Shelf life one year.
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Empty containers may contain explosive gas.

*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

**THIS MSDS IS CURRENT AS OF JULY 18, 2000. The DATE PREPARED section is the original date assembled and remains current until a change is necessary. This is tracked internally at the manufacturer by these date codes and therefore must remain as the originating date.**