

**MATERIAL SAFETY DATA SHEET**

Date of Last Revision: 5/11

**GlobalTech®**

**Heavy Duty Degreaser/premix**

**Product Code:**

**HDD-PM**

**FOR CHEMICAL EMERGENCY call INFOTRAC at 1-800-535-5053**

24 Hrs. per day, 7 days per week

**Section 1 ... Composition/Information on Ingredients**

**Ingredients**

Proprietary Oxygen and Sulfur containing compound

DI Water

**None at levels requiring reporting under 29 CFR 1910.1200**

Specific chemical identities withheld under Trade Secret Statute

**Section 2 ... First Aid Measures**

**Eye Contact:**

If irritation or redness from vapor exposure develops, move subject away from exposure source. If symptoms persist, seek medical attention. For direct contact, hold eyelids apart and flush affected eye(s) with clean water for 20 minutes. Seek medical attention.

**Skin Contact:**

Remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and/or persists, seek medical attention.

**Inhalation:**

If respiratory or other overexposure symptoms develop, move subject away from exposure into fresh air. If symptoms persist, seek medical attention. If subject is not breathing, artificial respiration should be administered. If breathing difficulty is experienced, oxygen should be administered by qualified personnel. Seek medical attention.

**Ingestion - Aspiration Hazard:**

DO NOT INDUCE VOMITING or give anything by mouth. Vomited material can enter the lungs and cause lung damage. If subject is drowsy or unconscious, place on left side with head down. If possible, do not leave subject unattended. If subject is conscious, give multiple glasses of water to dilute the contaminates.

**Note to Physician:** Epinephrine and other sympathomimetic drugs may potentiate arrhythmia in persons exposed to this substance. Such drugs should be used cautiously, if at all, and only with cardiac monitoring.

**Section 3 ... Health Hazards, Routes of Entry and Effects of Overexposure**

**Eye Contact:**

This material will irritate eyes. Direct contact with the liquid or exposure to the vapor or mist may cause tearing, stinging and redness.

**Skin Contact:**

This material may cause skin irritation. Prolonged or repeated exposure to this material may cause redness, burning and cracking or drying of skin. Contact may result in skin absorption, but toxicity symptoms via this route are unlikely, under normal conditions. Person with pre-existing conditions may be more susceptible to the effects of this material.

**Inhalation:**

While this material has a low degree of toxicity, inhaling of large amounts of mists or vapors may cause irritation of mucous membranes, nervous system depression (drowsiness, fatigue, motor coordination loss), nausea and headaches. Prolonged or repeated exposure to mists or vapors may damage peripheral nerves. Respiratory symptoms, associated with pre-existing conditions, may be exaggerated upon exposure to this material.

**Ingestion:**

While this material has a low degree of toxicity, ingestion of excessive amounts may cause irritation of the digestive tract. Signs of nervous systems depression (drowsiness, fatigue, motor coordination loss) and nausea may develop.

**Comments:** This material has not been identified as a carcinogen, or probable carcinogen by NTP, IARC or OSHA. Pre-existing peripheral nerve disorders may be aggravated by exposure to this material. Persons with pre-existing heart disorders may be more susceptible to irregular heartbeats if exposed to high concentrations of this material (see Section 2 - Note to Physician). Reports have associated repeated and/or prolonged exposure to solvents with permanent brain or nervous system damage (sometimes referred to as Solvent or Painter's Syndrome). Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal

## Section 4 ... Special Protection Information

**Ventilation:** If existing ventilation is inadequate to maintain airborne concentration below prescribed exposure limits, additional ventilation or exhaust systems may be needed.

**Respiratory Protection:** If airborne concentrations exceed prescribed exposure limits, use a respirator or gas mask with appropriate cartridges and canisters (NIOSH approved) or mask with an air supply.

**Gloves & Glasses:** We recommend the use of gloves which are impermeable to the specific hazardous materials present in this product.

## Section 5 ... Reactivity Data

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Incompatibility** (material to avoid): Strong acids or bases, strong oxidizers, amines

**Hazardous Decomposition:** Will not occur

## Section 6 ... Spill or Leak Procedures and Waste Disposal

**Precautions in Case of Release:** Stay upwind from spill. Keep all ignition sources away from spill areas. Ventilate spill area. Absorb with absorbent. Keep out of waterways.

**Waste Disposal Method:** Dispose of in accordance with Local, County, State and Federal regulations.

## Section 7 ... Handling and Storage Precautions

Keep containers closed in a cool environment. Avoid all sources of heat, spark or other ignition. Use and store with proper ventilation. Avoid direct contact and inhalation of vapors. Practice good hygiene. Empty containers can be dangerous and should be so treated. Do not pressurize, cut, weld, braze, solder, drill, grind or expose to heat, sparks or other ignition sources; they may explode and cause injury or death. Empty drums should be properly drained and returned to Supplier or to a drum reconditioner. All other containers should be disposed of in an environmentally sound manner.

## Section 8 ... Hazard Data

**Hazard Class** (Hazard Rating Scale: 0=minimal, 1=slight, 2=moderate, 3=high, 4=extreme):

**Health:** 1

**Flammability:** 0

**Reactivity:** 0

**Personal Protection:** B

**Explosive Limits** (volume %):

**Lower:** ND

**Upper:** ND

**Flash Point:** >200°F

**Extinguishing Media:** Dry chemical, carbon dioxide, and universal type foam

**Fire and Explosion Hazards:** Keep from heat or open flame. If product is exposed to temperatures above it's flashpoint, it may explode.

**Fire Fighting Procedures:** Use of Self Contained Breathing Apparatus (SCBA) is recommended for Firefighters. Water spray may be useful to cool nearby containers and to minimize vapor. Avoid spreading burning liquid with the cooling water.

## Section 9 ... Physical Data

<b>Boiling Point</b> (approx):	>200°F	<b>Vapor Density:</b>	ND
<b>Evaporation Rate</b> (n-butyl acetate=1):	<0.1	<b>% Volatile:</b>	>95
<b>Vapor Pressure</b> (in mm mercury):	18.5	<b>% Water Soluble:</b>	>95
<b>Specific Gravity:</b>	1.00 (8.36 lb/gl)	<b>Odor:</b>	negligible
<b>Appearance:</b>	light amber liquid	<b>Melting Point:</b>	NA
<b>pH:</b>	12.0	<b>VOC</b> (grams/liter):	1.618

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