

# SAFETY DATA SHEET

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## 1. IDENTIFICATION

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Product Name: **ELIMINATOR 208 – Hydraulic Oil 32**

Supplier: HE&M Inc.  
PO Box 1148  
4065 S. Main & Webb  
Mid America Industrial Park  
Pryor, OK 74361

Telephone: (888) 729-7787  
(918) 825-4821

Fax: (918) 825-4824

In case of Emergency: INFOTRAC  
US and Canada  
(800) 535-5053  
Outside US and Canada  
+01-352-323-3500

Product Description: Eliminator 208 – Ultra premium anti-wear hydraulic oils. See product data sheet for a detailed description of recommended use.

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## 2. HAZARDS IDENTIFICATION

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### GHS Classification

AQUATIC TOXICITY (ACUTE) - Category 3  
AQUATIC TOXICITY (CHRONIC) – Category 3

### GHS Label

Hazard pictogram



Signal word  
Hazard Statement

Warning  
Harmful if swallowed  
Causes skin irritation  
Causes serious eye irritation.  
Harmful to aquatic life with long-lasting effects

Precautionary statements

Prevention	P273 - Avoid release to the environment.
Response	Not applicable
Storage	Not applicable
Disposal	P501 – Dispose of contents and container in accordance with all local, regional, national and international regulations.

Other hazards

Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance / Mixture:** Eliminator 208 is a premium hydraulic oil. It is a mixture of highly refined lubricating base stocks and additives.

Components/Ingredients	CAS No.	%
Solvent Refined, Hydrotreated Heavy Paraffinic Petroleum Distillates	64742-54-7	98-100

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers)

N/E = Not Established.  
N/A = Not Applicable.

\*\* This product can contain any of the following base stocks, listed by CAS number: 64742-01-4, 64742-54-7, 64742-58-1, 64741-88-4, 72623-84-8, 72623-87-1, 64742-46-7, 64742-57-0, 64742-62-7, 64741-89-5, 72623-85-9, 8042-47-5, 64742-52-5, 64742-55-8, 64742-65-0, 72623-83-7, 72623-86-0

### 4. FIRST AID MEASURES

Eye	Irrigate with flowing water immediately and continuously for a minimum of 15 minutes. Get medical assistance immediately if irritation occurs.
Skin	Wash contact areas with soap and water. Wash contaminated clothing and shoes before reuse. Any injection injury from high pressure equipment should be evaluated immediately by a physician as potentially serious (see Notes to Physician). Sensitive individuals may require gloves.
Ingestion	Rinse mouth out with water. If spontaneous vomiting occurs, keep head below hips, or if patient is lying down, turn body and head to side to prevent aspiration and monitor for breathing difficulty. Keep affected person warm and at rest. If symptoms develop, seek medical attention.
Inhalation	If inhaled, remove to fresh air. The exposed person may need to be kept under medical attention. Get medical attention if symptoms occur.  <b>Most important symptoms/effects, acute and delayed</b> Preexisting skin conditions and/or respiratory disorders may be aggravated by exposure to this product.

**Description of necessary first aid measures / specific treatments**

**Notes to physician** SKIN: Leaks or accidents involving high-pressure

equipment may inject a stream of material through the skin and initially produce an injury that may not appear serious. Only a small puncture wound may appear on the skin surface but, without proper treatment and depending on the nature, original pressure, volume, and location of the injected material, can compromise blood supply to an affected body part. Prompt surgical debridement of the wound may be necessary to prevent irreversible loss of function and/or the affected body part. High pressure injuries may be **SERIOUS SURGICAL EMERGENCIES**.

## 5. FIRE FIGHTING MEASURES

Extinguishing Media	Class B fire extinguishing media: Foam, dry chemical, water spray and carbon dioxide are appropriate extinguishing media. Do not use a solid water stream as it may scatter and spread fire.
Hazardous Combustion Products	Combustion products may include the following: Smoke carbon oxides (CO, CO <sub>2</sub> ) (carbon monoxide, carbon dioxide) other products of incomplete combustion
Special Fire Fighting Instructions	Keep people away and evacuate the area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Water spray and foam must be applied carefully to avoid frothing and from as far a distance as possible. Firefighters should use standard protective equipment and in enclosed spaces, self – contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.
Unusual Fire or Explosion Hazards	Product is not combustible per the OSHA Hazard Communication Standard, but will ignite and burn at temperatures exceeding the flash point.
Flash Point (COC)	>220 °C/ > 428°F
Auto Ignition Temperature	Not determined
Explosion Limits	LEL: No data                      UEL: No data

## 6. ACCIDENTAL RELEASE MEASURES

In the case of a spill or accidental release, notify proper authorities in accordance to regulations. US regulations require reporting releases of this material to the environment which exceed the applicable reportable quantity or oil spills which could reach any waterway. The National Response Center can be contacted at (800)424-8802.

Wipe up or mop up spill and absorb material with appropriate material. Dispose of material in accordance with Federal, State and Local regulations. Do not touch or walk through spilt material. Avoid breathing vapor or mist. Provide adequate ventilation. Put on appropriate personal protective equipment. Surfaces may be slippery.

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## 7. HANDLING AND STORAGE

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Handling	<p>Wear appropriate PPE, avoid breathing vapor or mist. Do not ingest. Empty containers retain product residue and can be hazardous. Keep in the original container or an alternative made from a compatible material; keep closed when not in use. Do not reuse original container. Avoid prolonged or repeated contact with skin. Use good personal hygiene practices. Wash thoroughly after handling. Do not cut, drill, grind, or weld on empty containers since explosive residues may remain. Refer to applicable government bodies for federal, state, and local requirements.</p> <p>High-pressure injection of any material through the skin is a serious medical emergency even though the small entrance wound at the injection site may not initially appear serious. These injection injuries can occur from high-pressure equipment such as paint spray or grease or guns, fuel injectors, or pinhole leaks in hoses or hydraulic lines and should all be considered serious. (See First Aid section 4)</p>
Storage	<p>Store in a closed, properly labeled container, in accordance with all regulations. Store in the original container, away from direct sun light, heat sources, and incompatible materials. Keep container tightly sealed when not in use.</p>
Incompatible Materials	<p>Strong oxidizing agents.</p>

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Engineering Controls	<p>Local or general exhaust required when using at elevated temperatures that generate vapors or mists. Ensure eyewash/safety shower stations are available near areas where this product is used.</p>
Environmental Controls	<p>Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.</p>
Base Stocks -	<p><b>ACGIH/OSHA/SWA TLV</b> TWA: 5mg/m<sup>3</sup> – 8 hours</p>

## Personal Protective Equipment

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

Eye / Face Protection	Use safety glasses, goggles, or face shield if the potential for splashing exists.
Skin Protection	No skin protection is ordinarily required under normal conditions of use. Use of protective gloves is a good practice. When the risk of skin exposure is high, chemical resistant aprons and/or impervious chemical suits and boots may be required. PPE for the body should be selected based on the potential for contact with the product and the potential risks involved if contact may occur.
Hand Protection	The use of protective gloves is recommended for sensitive individuals. Protective skin creams may be used. Wear chemical resistant gloves when handling the concentrate material. Wear protective gloves if prolonged or repeated contact is likely.
Respiratory Protection	The choice of respiratory protections is dependent upon the environment the product is being used and the environment of the product is used in. Safety procedures should be developed for all intended conditions of handling and use of this product. Use an approved organic vapor chemical cartridge or supplied air respirators when material produces vapors that exceed permissible exposure limits or excessive vapors are generated.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Clear Liquid
Odor:	Mild Petroleum Odor
Density (at 20°C):	7.304 lbs / gal
Flash Point [Method]:	>428°F (Cleveland Open-Cup)
Flammable Limits:	LEL: N/D UEL: N/D
Autoignition Temperature:	Not Determined
Boiling Point/Range:	Not Determined
pH (at 5.0%):	Not Determined

Solubility in Water:	Not Determined
Viscosity:	31.8 cSt at 40°C
Freezing Point:	Not Determined

## 10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Avoid high heat, flames or ignition sources.
Incompatibility with other Materials	Strong oxidizing agents.
Hazardous decomposition materials	Hazardous decomposition products are not expected to form under normal storage conditions.
Hazardous polymerization	Not expected to occur.

## 11. TOXICOLOGICAL INFORMATION

**Likely routes of exposure**      Routes of entry anticipated: Dermal, Inhalation.

**Potential Acute Health Effects**

Eye Contact	Exposure to vapor or contact with liquid may cause eye irritation.
Inhalation	No significant adverse health effects are expected to occur upon short-term exposure.
Skin Contact	Prolonged or repeated exposure may cause redness, drying, and cracking of skin.
Ingestion	May cause irritation of the mouth, throat, and gastrointestinal tract. If aspirated into lungs, this material can cause severe lung damage.

**Symptoms related to; physical, chemical and toxicological characteristics**

Eye Contact	Irritation, dryness, stinging, tearing
Inhalation	Not expected to be a respiratory sensitizer
Skin Contact	Skin irritation, dryness, redness, cracking
Ingestion	Irritation

**Delayed / Chronic Health Effects**

This product is considered to have a low order of acute and chronic oral and dermal toxicity.

**Potential Chronic Health Effects**

Carcinogenicity	ACGIH Suspected Human Carcinogen (A2) poorly/mildly refined mineral oi, Highly/severely refined, inhalable fraction Not Classifiable (A4)l
Mutagenicity	Not known
Teratogenicity	Not known
Developmental	Not known
Fertility	Not known

**12. ECOLOGICAL INFORMATION**

Environmental Effects:	The intrinsic properties of this product may inhibit respiration and transpiration of both plants and animals. 96-hour LC50= 5000 mg/L Rainbow trout for CAS# 64742-54-7
Biodegradation:	Not determined
Bioaccumulation Potential:	Contains components with the potential to bioaccumulate.
Mobility	Insoluble in water

**13. DISPOSAL CONSIDERATIONS**

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Dispose of in accordance to federal, state and local regulations for hydrocarbons. Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

RCRA Information: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

**14. TRANSPORT INFORMATION**

Proper Shipping Name LAND (DOT):	Not regulated for land transport
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LAND (TDG): Not regulated for land transport

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## 15. REGULATORY INFORMATION

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**OSHA HAZARD COMMUNICATION STANDARD:** Under some use conditions, this material may be considered to be hazardous in accordance with OSHA 29 CFR 1910.1200.

**Complies with the following national/regional chemical inventory requirements:** AICS, ENCS, IECSC, KECI, PICCS, TSCA

**EPCRA SECTION 302:** This material contains no extremely hazardous substances.

**SARA (311/312) REPORTABLE HAZARD CATEGORIES:** None

**SARA (313) TOXIC RELEASE INVENTORY:** This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

**The following ingredients are cited on the lists below:** None.

--REGULATORY LISTS SEARCHED--

1 = ACGIH ALL	6 = TSCA 5a2	11 = CA P65 REPRO	16 = MN RTK
2 = ACGIH A1	7 = TSCA 5e	12 = CA RTK	17 = NJ RTK
3 = ACGIH A2	8 = TSCA 6	13 = IL RTK	18 = PA RTK
4 = OSHA Z	9 = TSCA 12b	14 = LA RTK	19 = RI RTK
5 = TSCA 4	10 = CA P65 CARC	15 = MI 293	

Code key: CARC=Carcinogen; REPRO=Reproductive

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## 16. ADDITIONAL INFORMATION

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Revision Date: July 12, 2017

Revision #: HEM-3

Disclaimer: The information presented herein has been compiled from sources considered to be dependable and is accurate as of the date issued. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use are beyond our control, we make no warranty regarding the accuracy of such data or its suitability for any use or for any consequence of its use. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Safe handling and use remains the responsibility of the purchaser and the purchaser has the sole responsibility to determine the suitability of the materials for any use and the manner of user contemplated. We assume no responsibility for injury to the recipient or to third persons or for any damage to any property and the recipient assumes all such risks.