

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name:	ELIMINATOR 213 – Hybrid Semi-Synthetic
Other means of identification:	None
Supplier:	HE&M Inc. PO Box 1148 4065 South 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 the US or Canada +01-352-323-3500
Recommended Use:	Industrial Metalworking Fluid. See product data sheet for a detailed description of recommended use.

2. HAZARDS IDENTIFICATION

GHS Classification

SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
AQUATIC TOXICITY (ACUTE) - Category 2

GHS Label

Hazard pictogram



Signal word
Hazard Statement

Warning
H319 - Causes serious eye irritation.
H315 - Causes skin irritation.
H401 - Toxic to aquatic life.

Precautionary statements
Prevention

P280 - Wear protective gloves. Wear eye or face protection.
P273 - Avoid release to the environment.
P264 - Wash hands thoroughly after handling.

Response

P302 + P352 + P362-2 + P363 - IF ON SKIN: Wash with plenty of soap and water.

Take off contaminated clothing. Wash contaminated clothing before reuse.

P332 + P313 - If skin irritation occurs: Get medical attention.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical attention.

Not applicable

Storage
 Disposal

P501 – Dispose of contents and container in accordance with all local, regional, national and international regulations.

Defatting to the skin

Other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture

Components/Ingredients	CAS No.	%
Severely Hydrotreated Heavy Naphthenic Petroleum Oil	64742-52-5	<35.0
Chloroalkanes	Proprietary	<10.0
Alcohols, C12-C15, Ethoxylated	68131-39-5	<2.0
Tris(2-hydroxyethyl)amine	102-71-6	<2.0

N/E = Not Established.

N/A = Not Applicable.

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. Sensitive individuals may require gloves.

Ingestion Seek medical attention immediately. DO NOT induce vomiting.

Inhalation If inhaled, remove to fresh air. The exposed person may need to be kept under medical attention. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

Description of necessary first aid measures / specific treatments

No specific treatment.

Notes to physician In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treatment should in general be symptomatic and directed to relieving any effects.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Foam, dry chemical, and carbon dioxide are appropriate extinguishing media. DO NOT use water jet to extinguish flames.
Hazardous Combustion Products	Combustion products may include the following: carbon oxides (CO, CO ₂) (carbon monoxide, carbon dioxide) Nitrogen oxides (NO, NO ₂ etc.) Chlorine
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. 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	Do not use welding or cutting torch on or near drum even when empty. If improperly reused for other product, it could ignite.

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

7. HANDLING AND STORAGE

Handling	Avoid high heat, flames or ignition sources. 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.
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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber Liquid
Odor:	Mild Characteristic Odor
Odor Threshold:	Not Determined
Density (at 20°C):	8.1 lbs / gal
Flash Point [Method]:	Not Determined
Flammable Limits:	LEL: N/D UEL: N/D
Auto-ignition Temperature:	Not Determined
Decomposition Temperature:	Not Determined
Flammability (solid, gas):	Not Applicable
Boiling Point/Range:	>100°C (212°F)
Partition Coefficient: n-octanol/water:	Not Determined
Vapor Pressure:	Not Determined
Vapor Density:	Not Determined
pH (at 5.0%):	9.00 – 9.35
Solubility in Water:	Miscible
Kinematic Viscosity:	50 to 70 cSt at 40°C
Melting/Freezing Point:	<0°C
Evaporation Rate:	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 acids and oxidants.
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 eyes may be irritating.

Inhalation	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin Contact	Defatting to the skin; may cause skin dryness and irritation.
Ingestion	Not expected; no known significant effects or critical hazards.

Symptoms related to; physical, chemical and toxicological characteristics

Eye Contact	Irritation, dryness, stinging, tearing
Inhalation	Not determined
Skin Contact	Skin irritation, dryness, redness, cracking
Ingestion	Not determined

Delayed / Chronic Health Effects

Eye Contact	Stinging, itching, and irritation.
Skin Contact	Prolonged or repeated contact can cause skin defatting, leading to; dermatitis, cracking, and irritation.
Ingestion	While not likely, ingestion may cause nausea and diarrhea.

Potential Chronic Health Effects

Carcinogenicity	Not known
Mutagenicity	Not known
Teratogenicity	Not known
Developmental	Not known
Fertility	Not known

12. ECOLOGICAL INFORMATION

Environmental Effects:	The intrinsic properties of this product may cause injury to an aquatic organism in a short-term exposure.
Biodegradation:	Not determined
Bioaccumulation Potential:	Not determined
Mobility	Soluble 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

LAND (TDG): Not regulated for land transport

15. REGULATORY INFORMATION

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.

California Prop 65: This material does not contain any substances known to the state of California to cause cancer and birth defects.

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

16. ADDITIONAL INFORMATION

Revision Date: March 21st, 2018
Revision #: 3.0

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.