

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: **ELIMINATOR 215 – Slideway Oil – 68**

Other means of identification: None

Supplier: HE&M Inc.
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 4065 South Main & Webb
 Mid America Industrial Park
 Pryor, OK 74361

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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 IRRITATION (Category 2)
 EYE IRRITATION (Category 2b)
 CHRONIC AQUATIC TOXICITY (Category 4)

GHS Label
 Hazard pictogram



Signal word Warning
Hazard Statement H320 – Causes eye irritation
 H315 – Causes skin irritation
 H413 – May cause long lasting harmful effects to aquatic life.

Precautionary statements
Prevention P264 – Wash hands thoroughly after handling
 P261 - Avoid breathing fume, mist, vapors, or sprays.
 P280 - Wear impermeable protective gloves.
 P273 - Avoid release to the environment
 P280 – Wear protective gloves/ protective clothing/eye protection/ face protection.
Response P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
 P313 - If rash occurs: Get medical advice/attention. P362 - Take off contaminated clothing and wash before reuse. P305 + P351 +

Storage	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 advice/attention. P391 - Collect spillage.
Disposal	P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
Other hazards	P501 – Dispose of contents and container in accordance with all local, regional, national and international regulations. Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture:

Components/Ingredients	CAS No.	%
Highly Refined Petroleum Base Stocks	See below**	>70
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.
Ingestion	IF product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice.
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 Preexisting skin conditions may be aggravated by exposure to this product. Description of necessary first aid measures / specific treatments Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers

should be taken for medical attention, if necessary. Take copy of label, bill of lading, and/or MSDS to health professional.

Notes to physician

Treat symptoms and reduce over-exposure

5. FIRE FIGHTING MEASURES

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 ₂) (carbon monoxide, carbon dioxide) Oxides of sulfur 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.

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.

7. HANDLING AND STORAGE

Handling	Wear appropriate PPE, avoid breathing vapor or mist. Do not ingest. Empty containers retain product residue and can be
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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.

Storage

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

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.

Environmental Controls

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.

Base stocks -

ACGIH/OSHA/SWA TLV
TWA: 5mg/m³ – 8 hours

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear to amber colored liquid
Odor	Mild petroleum Odor
Odor Threshold	Not Determined
pH	Not applicable
Melting Point / Freezing Point	Not applicable
Initial Boiling Point and Boiling Range	>500F
Flash Point	>440F (Cleveland Open-Cup)
Evaporation Rate (Butyl Acetate @ 25°C = 1)	Not Determined
Flammability (solid, gas)	Not Determined
Upper Explosive Limit / Lower Explosive Limit	Not Applicable
Vapor Pressure (Water @ 20°C = 17.5 mmHg)	Not Determined
Vapor Density	Not Determined
Relative Density (20°C)	0.8 – 0.9
Solubility	Negligible
Partition Coefficient (n-octanol / water)	Not Determined
Auto-ignition Temperature	Not Determined
Decomposition Temperature	Not Determined
Viscosity	68 cSt at 40C

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, acids, bases.
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. Prolonged or repeated skin contact can cause mild irritation and inflammation characterized by drying, cracking, dermatitis, or oil acne. Toxicity data is not available for mixture: Information given is based on data on the components and toxicology of similar products.

Acute Oral Toxicity LD50 >5,000 mg/kg
 Acute Dermal Toxicity LD50 >5,000 mg/kg

Potential Chronic Health Effects

Carcinogenicity	ACGIH Suspected Human Carcinogen (A2) poorly/mildly refined mineral oi, Highly/severely refined, inhalable fraction Not Classifiable (A4)
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.
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
 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: Not applicable.

SARA (313) TOXIC RELEASE INVENTORY: Chronic health hazard

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: January 29, 2019

Revision #: 3.0

Supersedes revision# DML-2

HMIS: Health 1, Fire 1, Physical Hazard 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.