



SAFETY DATA SHEET

1. IDENTIFICATION

Product Name:	ELIMINATOR 206 – Rust Remover
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	This material is classified in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200). SERIOUS EYE DAMAGE/EYE IRRITATION – Category 2B
Classification	
GHS Label	
Hazard pictogram	No Symbol
Signal word	Warning
Hazard Statement	H320 – Causes eye irritation.
Precautionary statements	
Prevention	P264 – Wash hands and any parts of exposure thoroughly after handling. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and continue rinsing.
Response	P337 + P313 - If eye irritation persists: Get medical attention.
Storage	Not applicable.
Disposal	P501 – Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards Not Otherwise Classified (HNOC)	May irritate skin in individuals who have sensitive skin or wounds.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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Substance / Mixture:

Components/Ingredients	CAS No.	% Range*
Water	7732-18-5	<80.0
Proprietary non-hazardous components	Not Applicable	>20.0

*Specific percentages of composition are being withheld as a trade secret.

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Additional components, of which may or may not be present, in this mixture are not classified as hazardous to health or the environment and within the current knowledge of the manufacturer or supplier and current regulations, are required to be reported in this section.

Occupational exposure limits, if applicable and available, are listed in Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION.

4. FIRST AID MEASURES

Eye	Flush eyes with abundant amounts of water. If applicable remove contact lenses and continue to flush eyes with water. If persistent irritation occurs, obtain medical attention.
Skin	Wash contact areas with soap and water. Sensitive individuals may require gloves.
Ingestion	May cause gastrointestinal irritation. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth. Obtain medical attention. If delayed signs persist, obtain medical attention.
Inhalation	No treatment necessary under normal conditions of use. Remove from further exposure. If symptoms persist, obtain medical advice.
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.

Most important symptoms or effects, acute and delayed

For more detailed information on health effects and symptoms see Section 11 – TOXICOLOGICAL INFORMATION

Description of necessary first aid measures or specific treatments

Treatment should in general be symptomatic and directed to relieving any effects.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Water spray, foam, dry chemical, sand, earth, and carbon dioxide are appropriate extinguishing media.
Unsuitable Extinguishing Media	Avoid using water jet.
Specific Hazards from Chemical	Not known.
Hazardous Combustion Products	Combustion products may include the following: carbon oxides (CO, CO ₂)
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.
Unusual Fire or Explosion Hazards	No unusual fire hazards.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures	Avoid contact with spilled material. Product is slippery, avoid falls. See section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION.
Environmental Precautions	Use appropriate containment to avoid environmental contamination. Do not discharge into the drains, surface water, or groundwater. Dispose of absorbed material in accordance with local, state, and federal regulations.
Methods and Materials for Containment and Cleaning Up	Dike spilled material and soak up with inert absorbent material, such as: mops, sand, oil-dri, or fiber media. Dispose of material in accordance with all Federal, State and Local regulations.

7. HANDLING AND STORAGE

Handling	Use local exhaust ventilation if there is risk of inhalation of vapors, mists, or aerosols. Wear PPE as described in SECTION 8 (EXPOSURE CONTROLS / PERSONAL PROTECTION.)
Storage	Store in a properly labelled closed container. Store in a dry, cool and well-ventilated place. Keep container tightly closed. Protect from moisture. Do not store with oxidizers. Recommended storage temperature: 1 - 50°C / 33 - 122°F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	The level of protection and types of controls necessary will vary depending upon potential exposure conditions. No special requirements are under normal conditions of use with adequate ventilation.
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.
Exposure Limit Values	This product contains no substances with occupational exposure limit values.
Personal Protective Equipment	
Eye / Face Protection	If contact is likely, safety glasses with side-shields are recommended.
Hand Protection	Where hand contact may occur with this product: wear gloves suitable for protection against metalworking fluids. Such gloves may be made from: neoprene or nitrile rubber; however, the specific gloves selection should be dependent on the usage, length and frequency of contact, and operations being performed.
Skin Protection	No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.
Respiratory Protection	No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne concentrations to a

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level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter.

Special Instructions for Protection and Hygiene

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear straw colored, Liquid
Odor	Mild
Odor Threshold	Not Determined
pH	7.0 – 7.3
Melting Point / Freezing Point	~32°F (0°C)
Initial Boiling Point and Boiling Range	~212°F (100°C)
Flash Point	~212°F (100°C) contains water
Evaporation Rate (Butyl Acetate @ 25°C = 1)	<1
Flammability (solid, gas)	Not Applicable
Upper Explosive Limit / Lower Explosive Limit	Not Applicable
Vapor Pressure (Water @ 20°C = 17.5 mmHg)	Not Determined
Vapor Density	>1 estimated
Relative Density (20°C)	>1.0 @ 20 C
Solubility	Soluble in water
Partition Coefficient (n-octanol / water)	Not Determined
Auto-ignition Temperature	Not Determined
Decomposition Temperature	Not Determined
Viscosity	1.5 – 2.0 cSt @ 40°C

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended handling and storage conditions.
Conditions to Avoid	Avoid high heat, flames, and ignition sources, and incompatible materials.
Incompatible Materials	Strong Oxidizing agents, acids, bases, and other cleaners or chemicals.
Hazardous decomposition materials	Does not decompose at ambient temperatures.
Reactivity	Not expected.
Other Information	None known.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Skin Contact, Eye Contact, Ingestion
Inhalation:	Overexposure may cause headaches.
Skin Contact:	Repeated and prolonged contact may cause irritation of the skin.
Eye Contact:	Causes eye irritation.
Ingestion:	Expected to be a low ingestion hazard.

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Symptoms related to the physical, chemical and toxicological characteristics	Eye irritation. Symptoms may include stinging, tearing up, redness, swelling, and blurred vision.
Information on toxicological effects	
Acute Toxicity	Not Known.
Skin Corrosion / Irritation	Not irritating to the skin. Prolonged or repeated skin contact may cause irritation in sensitive individuals.
Eye Damage / Irritation	Irritating to the eyes.
Skin Sensitizer	Not expected to be a hazard.
Respiratory Sensitizer	Not expected to be a hazard.
Germ Cell Mutagenicity	Not considered a mutagenic hazard.
Teratogenicity	Not expected to be a hazard.
Developmental	Not expected to be a hazard.
Fertility	Not expected to be a hazard.
Carcinogenicity	Not expected to be a hazard.
Reproductive Toxicity	Not expected to be a hazard.
Aspiration Toxicity	Not expected to be a hazard.
Specific Target Organ Toxicity – Single Exposure	Not expected to be a hazard.
Specific Target Organ Toxicity – Repeated Exposure	Not expected to be a hazard.
Chronic Effects	Prolonged inhalation may be harmful.
Additional information	Used product may have other hazards not listed on this SDS.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity	Ecotoxicological data have not been specifically determined for this product and, to the best of our knowledge, the information provided is based on similar products. This product is soluble in water. Material is practically non-toxic to aquatic organisms on an acute basis. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Terrestrial Toxicity	Not determined.
Persistence and Degradability	The major constituents of this product are expected to be readily biodegradable.
Bioaccumulative Potential	Not Determined.
Mobility in Water	Not determined.
Other Adverse Ecological Effects	Complete ecological effects of this mixture are not known. Do not release into waterways, water systems, or environment.

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.

Empty Container Warning: Empty containers may contain residue and may 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

UN Number	Not Applicable
UN Proper Shipping Name	Not Applicable
Transport Hazard Class	Not Applicable
Packing Group	Not Applicable
Environmental Hazards	Marine Pollutant – No
Transportation in Bulk (Annex II of MARPOL 73/78 and IBC Code)	
Special Precautions	Spilled material may be a slip hazard.
U.S. DOT / Canadian TDG	Not Regulated for shipping
IMO / IDMG	Not determined
ICAO / IATA	Not determined
ADR / RID	Not determined

15. REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD: The hazard classifications of this substance / mixture were made congruent to the Occupational Safety and Health Standards, established in OSHA Regulation Standards 29 CFR 1910.1200.

Complies with the following national/regional chemical inventory requirements:

TSCA	EINECS	DSL
Yes	Yes	Yes

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

EPA SARA Title III Section 311/312 (40 CFR 370) Hazard Classification: Immediate (acute) health hazard.

EPA SARA Title III Section 313 (40 CFR 372): This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

CLEAN WATER ACT (CWA): This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act.

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other harm.

16. ADDITIONAL INFORMATION

Revision Date: December 12, 2018

Revision #: 3.0

Supersedes Revision #: 2.0

This SDS prepared for this substance / mixture was made congruent to the Occupational Safety and Health Standards, established in OSHA Regulation Standards 29 CFR 1910.1200.

HMIS	Health	Flammability	Physical Hazard	PPE
	1	0	0	B
NFPA	Health	Flammability	Chemical Reactivity	Special Hazards
	1	0	0	None Known

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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 remain 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.