Safety Data Sheet

R-162

IN ACCORDANCE WITH OSHA (29 CFR 1910.1200, 2024

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer	Ideas Additives LLC 625 S Main St. Lombard, IL 60148		
Telephone	(630) 620-2010	**Fax**	(630) 620-2014
Product Name(s) / Other Identifier	R-162		
Recommended Use	Corrosion inhibitor		
Restrictions on Use	For industrial/commercial use only		
Emergency Contact / Number	(800) 424-9300		

SECTION 2: HAZARD IDENTIFICATION (IN ACCORDANCE WITH OSHA (29 CFR 1910.1200, 2024)

GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2024)
This product is not classified

Signal word	Not Applicable
Hazard statement(s)	Not Applicable
Precautionary statement(s)	Not Applicable
Hazards Not Otherwise Classified	None known
Acute Toxicity Estimate	No materials of unknown toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Concentration
Non hazardous ingredients	Mixture	100%

*Exact concentrations withheld as a trade secret in accordance with 29 CFR 1910.1200(i); ranges in accordance with 29 CFR 1910.1200(i)(1)(iv)(A)-(M).

SECTION 4: FIRST AID MEASURES

General Notes (all categories)
Seek medical advice or attention if you feel unwell. Some effects may not appear immediately.
Eye Contact
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice or attention if eye irritation persists.
Skin Contact
Immediately take off all contaminated clothing. Rinse skin with water/shower for several minutes. Wash contaminated clothing before reusing. Get medical advice or attention if irritation or rash occurs and persists.
Ingestion
Never give anything by mouth to an unconscious person. Give water if victim is conscious. Do not induce vomiting without medical direction. Keep head below hips if vomiting occurs to prevent aspiration.
Inhalation
Remove person to fresh air.
Most Important Symptoms and Effects Either Acute or Delayed
Eye stinging, tearing, redness, swelling, and blurred vision
Indication of Immediate Medical Attention and Special Treatment, If Necessary
Persistent eye irritation

Section 5: Firefighting Measures

Suitable and Unsuitable Extinguishing Media
Product will burn at high temperatures. Use water spray, fog, dry chemical, or foam. High pressure water stream may spread fire. No known unsuitable materials.
Specific Hazards Arising from the Chemical
May produce toxic smoke, decomposition products, flammable gases, and acrid vapors in a fire. Closed containers may rupture or explode when exposed to extreme heat.
Specific Protective Equipment and Precautions for Fire-Fighters
Avoid breathing vapors and mists. Use a water spray to cool fire-exposed containers, structures and to protect personnel. Do not enter enclosed area without a positive pressure, NIOSH-approved self-contained breathing apparatus. Closed containers may explode from high heat.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures
Affected area may be slippery. Isolate release area and keep unnecessary or untrained people away. Avoid skin or eye contact with spilled material. See Section 8 for personal protection gear.
Methods for Cleaning Up
Stop leak if you can without risk. Do not discharge to the environment. Transfer to labeled, sealable containers for product recovery or safe disposal. Small spills can be handled using absorbent material and transferred to containers for disposal. Larger spills should be diked and absorbed with binding agents such as sand or vermiculite to prevent runoff to the environment or sewer.
Environmental Precautions
Product contains petroleum or petroleum derivatives. Contain spill if it can be done with minimal risk. Prevent from entering drains, sewers, or waterways. Advise EPA, state, or local agencies as required.

Section 7: Handling and Storage

Precautions for Safe Handling
Practice good chemical hygiene. Wear appropriate eye and face protection, protective gloves and clothing to prevent or minimize contact. Use good ventilation and follow all procedures and precautions for handling chemicals. See Section 8.
Conditions for Safe Storage Including Any Incompatibilities
Best stored in a dry place at 50 – 90 °F. Reseal lid on container after use. Store only in original or compatible, clearly labeled container.

Section 8: Exposure Control and Personal Protection

Exposure Limits

Component Name	ACGIH TWA	OSHA PEL
Petroleum distillates	5 mg/m^3	5 mg/m^3

Engineering Controls
Use appropriate ventilation to avoid exceeding exposure levels and maintain good air quality; avoid breathing aerosols or mists; use appropriate respirator if necessary.
Eye and Face Protection
Wear safety glasses or chemical safety goggles; use face shield when working with large amounts or when splashing is possible.
Skin Protection
Wear oil and chemically resistant protective clothing and gloves to minimize or avoid contact.
Respiratory Protection
Maintain good ventilation or air flow. Wear suitable respiratory protection to avoid inhalation.
General Hygiene
Follow accepted work practices for eye and face protection. Do not eat, drink, or smoke in areas where this product is used or stored. Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	Brown solid	**Flash Point (open cup)**	>300 °F / 150 °C
Density (Water=1)	0.8 – 0.9	**Upper Flammability Limits**	Not Determined
Evaporation Rate (ether = 1)	<1	**Lower Flammability Limits**	Not Determined
pH	Not Applicable	**Auto-ignition Temperature**	Not Determined
Solubility in Water	Insoluble	**Decomposition Temperature**	Not Determined
Odor/Odor Threshold	Mild / Not Determined	**Vapor Pressure**	Not Determined
Melting/Freezing Point	Not Determined	**Relative Vapor Density (Air-=1)**	Not Determined
Boiling Range	Not Determined	**Partition Coefficient (n-octanol/water)**	Not Determined
Initial Boiling Point	Not Determined	**Kinematic Viscosity**	Not Determined
Particle Characteristics	Not Applicable	**Critical Temperature**	Not Determined
Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.			

SECTION 10: STABILITY AND REACTIVITY

Reactivity Not reactive under normal storage and use conditions.
Chemical Stability Stable under normal storage and use conditions.
Possibility of Hazardous Reactions Will not react under normal conditions.
Conditions to Avoid High temperatures or open flame.
Incompatible Materials No information available
Hazardous Decomposition Products Oxides of carbon, possible flammable gases or vapors in a fire or at high temperature.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Effects
This product has not been tested. Product component acute toxicities are not classified at the concentration in this product. The most likely route of exposure is skin contact. Skin contact is unlikely to be serious but may cause temporary irritation. Eye contact may cause irritation. Inhalation is unlikely to occur but may cause irritation. Swallowing material may cause irritation of gastrointestinal tract, nausea, vomiting, diarrhea, or abdominal pain depending on the individual's sensitivity and the amount ingested.
Chronic Toxicity Effects
Long term or repeated exposure may aggravate any acute symptoms.
Carcinogenicity
NTP, OSHA and IARC have not identified any carcinogenic ingredients in this product.

SECTION 12: ECOLOGICAL INFORMATION

This product has not been tested. Based on its main components it is not classified as hazardous to the aquatic environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Contains petroleum distillates or derivatives. Do not dispose to sewer. Avoid release to the environment. Dispose of material and empty containers in accordance with local, state/province, and federal environmental regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Not Regulated
IMDG Not Regulated
IATA Not Regulated

SECTION 15: REGULATORY INFORMATION

Chemical Inventories	All ingredients are listed or exempt from listing on the TSCA, active (U.S.) and DSL (Canada) inventories.
SARA 311/312 Reporting Categories	None
SARA 313 Reportable Ingredients	None
Clean Water Act	Contains petroleum distillates or derivatives. Report contamination of surface waters immediately to the National Response Center.
CERCLA (Comprehensive Environment Response, Compensation and Liability Act)	No calculable reportable quantity (RQ) for this product
California Prop 65	Not listed

SECTION 16: OTHER INFORMATION

NFPA Rating	Health=1; Flammability=1; Reactivity=0
Department Issuing SDS	Health and Safety

Disclaimer

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