Safety Data Sheet

P-2438

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	P-2438		
Recommended Use	Water soluble 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)



Acute toxicity, dermal	Category 4	Harmful if swallowed
Acute toxicity, oral	Category 4	Harmful in contact with skin
Eye damage/irritation	Category 2A	May cause serious eye irritation
Reproductive toxicity	Category 1A	May damage fertility or the unborn child
Skin corrosion/irritation	Category 2	Causes skin irritation
Sensitization - skin	Category 1	May cause an allergic skin reaction

Signal word Danger

Precautionary statement(s)

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing fumes, spray, mist, or vapors. Wash skin and contact areas thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear eye and face protection/protective clothing.

Response: IF exposed or concerned: Get medical advice/attention.
If swallowed: Call a poison center, medical authority or doctor if you feel unwell. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice or attention.

Storage: Store locked up.

Disposal: Dispose of contents and container according to local, state/provincial, and federal regulations.

Hazards Not Otherwise Classified None known

Acute Toxicity Estimate This mixture may contain materials of unknown acute toxicity.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Concentration*
Octenyl succinic acid – triethanolamine mixture	Mixture	30 - 60
Monoethanolamine borate	10377-81-8	5 - 10
Potassium caprylate	764-71-6	1 – 5
Non-hazardous or below hazard ingredients	Mixture	Balance

*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; skin irritation or rash
Indication of Immediate Medical Attention and Special Treatment, If Necessary
Persistent eye irritation; skin irritation or rash

Section 5: Firefighting Measures

Suitable and Unsuitable Extinguishing Media
Product will not burn. Use water spray, fog, dry chemical, or foam as applicable for the surrounding fire. 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
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 / TWA
Triethanolamine (CAS 102-71-6)	5 mg/m3	Not Established
Monoethanolamine (CAS 111-43-5)	3 ppm	6 mg/m3
Boric acid (CAS 10043-35-3)	Not Applicable; product in solution	

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	Clear or yellow liquid	**Flash Point (open cup)**	Not Applicable
Density (Water=1)	>1	**Upper Flammability Limits**	Not Applicable
Evaporation Rate (ether = 1)	<1	**Lower Flammability Limits**	Not Applicable
pH	8.3 – 9.3	**Auto-ignition Temperature**	Not Applicable
Solubility in Water	Soluble	**Decomposition Temperature**	Not Determined
Odor/Odor Threshold	Slight Amine / 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	320 °F	**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	Avoid contact with strong acids or bases
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 but is classified based on the classifications of its components. The most likely route of exposure is skin contact. Skin contact may cause irritation. Eye contact may cause irritation. Inhalation may cause respiratory 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. Animal feeding studies at high levels of boric acid have demonstrated effects on reproductive organs and fertility.

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

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	Report contamination of surface waters immediately to the National Response Center.
CERCLA	No calculable reportable quantity (RQ) for this product
(Comprehensive Environment Response, Compensation and Liability Act)	
California Prop 65	Not listed

Section 16: Other Information

NFPA Rating Health=2; Flammability=1; Reactivity=0

Department Issuing SDS Health and Safety

Disclaimer

The information appearing in this document is based upon data obtained from raw material manufacturers and/or recognized technical sources. While this information is believed to be correct IDEAS ADDITIVES LLC makes no representations as to its accuracy or sufficiency, usage, or hazards connected with the use of this material. Since this product may be applied under conditions unfamiliar to us or beyond our control, we claim no responsibility for the results of its use, and users are responsible for the verification of the information under their own operating conditions to determine whether the product is suitable for their particular purposes, and these users assume all risks of their use, handling, and disposal of the product. This information relates only to the product designated above and does not relate to its use in combination with any other process.