Safety Data Sheet

IZ-251

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 Names	IZ-251		
Recommended Use	Additive, corrosion inhibitor		
Restrictions on Use	For industrial/commercial use only		
Emergency Contact / Number	(630) 620-2010		

Section 2: Hazard Identification

Hazard Classifications Not a hazardous substance or mixture

Signal word Not Applicable

Precautionary statements Not Applicable

General guideline Avoid eye contact. Wash skin and contact areas thoroughly after handling.

Section 3: Composition/Information on Ingredients

Component	CAS#	Concentration
Non hazardous ingredients	Mixture	100

Section 4: First Aid Measures

Eye Contact
Flush eyes with clean, lukewarm water for at least 15 minutes while holding eyelids open. Remove contacts. Get medical attention, preferably an ophthalmologist, if irritation occurs and persists.
Skin Contact
Wash affected area with mild soap and water then rinse with water. Remove any contaminated clothing and wash before reuse. Get medical attention if skin 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. Seek medical attention.
Inhalation
Remove to fresh air and seek medical attention if adverse effects are observed.
Most Important Symptoms / Effects
No significant symptom or effects are expected.
Indication of Immediate Medical Attention and Special Treatment, If Necessary
None known; treat symptomatically.

Section 5: Firefighting Measures

Suitable and Unsuitable Extinguishing Media
Product will burn at high temperatures. Use water spray or fog, dry chemical or foam. High pressure water stream may spread fire. No known unsuitable materials.
Specific Hazards Arising from the Chemical
May produce CO, CO_2, 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 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
Affected area may be slippery. Isolate release area and keep unnecessary or untrained people away. Avoid eye contact or prolonged skin contact with spilled material. See Section 8 for personal protection gear.
Environmental Precautions
Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers, or waterways. Advise EPA, state, or local agencies as required.
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 use or disposal. Larger spills should be diked and absorbed with binding agents such as sand or vermiculite to prevent runoff to the environment or sewer.

SECTION 7: HANDLING AND STORAGE

Handling and Storage
Wear protective clothing to prevent or minimize contact. Use good ventilation and follow all procedures and precautions for handling chemicals. 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
Contains no substances with occupational exposure limit values.
Engineering Controls
Use appropriate ventilation to avoid exceeding limits and maintain good air quality; avoid breathing aerosols or mists; use appropriate respirator if applicable.
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 protective gloves to avoid repeated or prolonged contact.
Respiratory Protection
Maintain good ventilation or air flow.
General Hygiene
Follow accepted work practices for handling chemicals. 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	Red, brown viscous liquid	**Flash Point**	320 °F / 160 °C
Specific Gravity (Water=1)	Not Determined	**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	Negligible	**Decomposition Temperature**	Not Determined
Odor	Slight hydrocarbon	**Vapor Pressure (mm Hg, 25 °C)**	<0.001
Odor Threshold	Not Determined	**Vapor Density (Air-=1)**	Not Determined
Melting/Freezing Point	Not Determined	**Partition Coefficient (n-octanol/water)**	Not Determined
Boiling Range	Not Determined	**Viscosity (mm^2/s 100 °C)**	100
Initial Boiling Point	500 °F / 260 °C	**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. May react with strong oxidants or reductants.
Conditions to Avoid	High temperatures or open flame
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	CO and CO_2, flammable gases, or vapors in a fire or at high temperature.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Effects
Likely routes of exposure are skin and eye contact. Eye contact may cause irritation. Short term contact with skin is unlikely to cause problems. Excessive or prolonged and repeated contact and poor hygiene conditions may result in 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.
Oral: LD50 (rat) >1,550 mg/kg; Skin (rat): non-irritant; Eye (rat): slight irritant
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

Data on this product are not available. Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not dispose to sewer. Avoid release to the environment. Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA. Dispose of used containers in a licensed facility.

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.
Section 302 Extremely Hazardous Chemicals	None
SARA 311/312 Reporting Categories	None
SARA 313 Reportable Ingredients	None
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=0; Flammability=1; Reactivity=0
Department Issuing SDS	Health and Safety

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