Safety Data Sheet

F-83

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)	F-83		
Recommended Use	Corrosion protection		
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)

Classification of the substance or mixture
This material is not classified but see HNOC below

Signal Word	Not Applicable
Hazard Symbols	Not Applicable
Hazard statements	Not Applicable
Precautionary statements	Not Applicable
Hazards Not Otherwise Classified	Contains a small but variable amount (estimate 0.1 – 0.5%) of crystalline silica or quartz which if inhaled recurrently as a dry powder can cause silicosis or cancer. It is not believed to be inhalable or hazardous in this product.
Acute Toxicity Estimate	This mixture contains no materials of unknown acute toxicity.

Section 3: Composition/Information on Ingredients

Component	CAS#	Concentration
Quartz	14808-60-7	0.1-0.5
Non-hazardous ingredients	Mixture	Balance

Section 4: First Aid Measures

General Notes (all categories)
Not hazardous or irritating. Avoid breathing mist. Product contains a small amount of crystalline quartz which is a chronic respiration hazard.
Eye Contact
Rinse thoroughly with plenty of water for at least 15 minutes. Seek medical advice or attention if irritation occurs and persists.
Skin Contact
No acute or delayed effects expected. Seek medical advice or attention if irritation occurs and persists.
Ingestion
Not toxic. 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 advice or attention if you feel unwell.
Inhalation
Remove person to fresh air. Seek medical advice or attention if you feel unwell.
Most Important Symptoms / Effects
Long term inhalation of crystalline silica can cause silicosis. Risk of injury is dependent on duration and level of exposure.
Indication of Immediate Medical Attention and Special Treatment, If Necessary
None known.

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
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.
Environmental Precautions
Product contains petroleum. 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.
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.

Section 7: Handling and Storage

Handling and Storage
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. 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 (CAS 8042-47-5)	5 mg/m^3	5 mg/m^3
Respirable quartz (crystalline)	0.05 mg/m^3	0.025 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
Unlikely to be irritating. Wear oil resistant protective clothing and gloves to avoid ongoing contact.
Respiratory Protection
Maintain good ventilation or air flow. Special precautions unlikely to be necessary. Wear suitable respiratory protection to avoid vapor or mist 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	Tan, pasty solid	**Flash Point (open cup)**	>200 °F
Specific Gravity (Water=1)	1.22	**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	Slight to partial	**Decomposition Temperature**	Not Determined
Odor	Mild	**Vapor Pressure**	Not Determined
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 (cSt @ 40 °C)**	Not Determined
Initial Boiling Point	Not Determined	**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 acids, strong oxidizing agents.
Hazardous Decomposition Products Oxides of carbon, flammable gases, or vapors in a fire or at high temperature.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Effects
All components are non-toxic. The most likely route of exposure is skin contact. Eye contact may cause temporary irritation. Skin contact may cause temporary 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
Repeated inhalation of respirable silica over time may cause silicosis.
Carcinogenicity
NTP and IARC have determined that respirable crystalline silica inhaled from occupational sources can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure.

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. Large or frequent spills may have hazardous effects on the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Contains petroleum distillates. 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. 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

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