Safety Data Sheet

A-373 Draft

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)	A-373		
Recommended Use	Chlorine-free EP additive		
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

Skin corrosion/irritation	Category 1A Causes severe skin burns and eye damage
Eye damage/irritation	Category 1 Causes serious eye damage
Hazardous to the aquatic environment	
-long term	Category 3 Harmful to aquatic life with long lasting effects



Signal word Danger

Precautionary statements

Prevention	Do not breathe fumes, mist, vapors or spray. Wash skin and contact areas thoroughly after handling. Wear protective gloves and clothing, eye and face protection.
Response	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Wash contaminated clothing before reuse.
Storage	Store locked up.
Disposal	Dispose of contents and container according to local, state/provincial, and federal regulations.

Hazards Not Otherwise Classified

None known

Section 3: Composition/Information on Ingredients

Component	CAS#	Concentration
Phosphate ester	39464-64-7	60 - 80
Sulfonic acids, petroleum, calcium salts, overbased	68783-96-0	10 - 20
Sulfurized olefin, inhibited	Mixture	10 - 20

Section 4: First Aid Measures

General Notes

Product is corrosive and may damage or irritate eyes, skin, respiratory or digestive tract. Some effects may not immediately appear. Obtain medical advice and show this SDS.

Eye Contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

Skin Contact

Immediately take off all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Wash contaminated clothing before reuse. Acute and delayed symptoms and effects: Causes severe skin burns. Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

Ingestion
Immediately seek medical advice. 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
Immediately seek medical advice. Remove person to fresh air.
Most Important Symptoms / Effects
Irritation or pain in effected area
Indication of Immediate Medical Attention and Special Treatment, If Necessary
Persistent pain or skin rash

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 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
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

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 gloves to avoid repeated or prolonged contact.
Respiratory Protection
Maintain good ventilation or air flow. Wear suitable respiratory protection to avoid inhalation of aerosol particles.
General Hygiene
Follow accepted work practices for handling eye irritants. 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 waxy solid	**Flash Point (open cup)**	>200 °F
Specific Gravity (Water=1)	>0.8	**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	Strong petroleum	**Vapor Pressure**	<0.01 mm Hg
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, phosphorus and sulfur, flammable gases, or vapors in a fire or at high temperature.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Effects
The most likely route of exposure is skin contact. Eye contact may cause damage or irritation. Skin contact may cause damage or irritation. Inhalation may cause respiratory damage or irritation. Swallowing material may cause damage or 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 classified as hazardous to the aquatic 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. Other inventories include Australia (AICS), China (IECSC), Europe (EINECS and/or ELINCS), Japan (ENCS), Korea (ECL), New Zealand (NZIoC), Philippines (PICCS) and Taiwan (TCSI).
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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