Safety Data Sheet

A-380

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-380		
Recommended Use	EP Agent		
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

Eye damage/irritation	Cat. 1 Causes serious eye damage
Skin corrosion/irritation	Cat. 2 Causes skin irritation



Signal Word Danger

Precautionary statements

Prevention	Wash skin and contact areas thoroughly after handling. Wear eye and face protection/protective gloves.
Response	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. Immediately call a poison center or doctor. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse.

Hazards Not Otherwise Classified None known

Acute Toxicity Estimate This mixture contains no materials of unknown acute toxicity.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Concentration
Oleyl triethoxymonodiphosphate	39464-69-2	10 - 30
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	5 – 10
Non-hazardous or ingredients below hazard level	Mixture	Balance

Part #	Date	Percent	Ideas Name	Component	CAS#	Classifications	Concentration	Classification in formula
M014		64.00	Ida-Fax 1110 (Diisotridecyl adipate)	Adipate ester	26401-35-4	Not Classified		Not Classified
M025		28.00	Ida-Phos O	Oleyl triethoxy mono diphosphate	39464-69-2	Eye 1; Skin 2; ATo4	10 - 30	Eye1; Skin2
Unknown	6/21/2026	8.00	VCS 1001 (Ida-Soil 1000)	Additive	68649-42-3	Eye1; Skin2	5 - 10	Eye1
Total		100.00						
Product	A-380							
Classification	Eye1; Skin2							

SECTION 4: FIRST AID MEASURES

General Notes (all categories)
Contact medical support immediately. Chemical burns and eye contact must be treated by a physician. Product may permanently damage eyes, skin, respiratory or digestive tract. Some effects may not immediately appear.

Eye Contact
Rinse thoroughly with plenty of water for at least 15 minutes.

Skin Contact
Immediately take off all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Wash contaminated clothing before reusing. Acute and delayed symptoms and effects: Causes severe skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

Ingestion
Contact a physician or poison control agency. 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 / Effects
Can cause serious skin irritation. Can cause permanent eye damage or blindness. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Indication of Immediate Medical Attention and Special Treatment, If Necessary
Eye pain, blurriness or loss of vision. Persistent skin irritation or 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 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
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
Product may damage eyes and vision. 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
No components with exposure levels	Not Applicable	Not Applicable

Engineering Controls

Use appropriate ventilation to 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 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	Light yellow liquid	**Flash Point (open cup)**	Not Applicable
Specific Gravity (Water=1)	0.96	**Upper Flammability Limits**	Not Applicable
Evaporation Rate (ether = 1)	<1	**Lower Flammability Limits**	Not Applicable
pH	1.62	**Auto-ignition Temperature**	Not Applicable
Solubility in Water	Partial	**Decomposition Temperature**	Not Applicable
Odor/Odor Threshold	Sulfur/Not Determined	**Vapor Pressure**	Not Applicable
Melting/Freezing Point	Not Determined	**Vapor Density (Air-=1)**	Not Determined
Boiling Range	Not Determined	**Partition Coefficient (n-octanol/water)**	Not Determined
Initial Boiling Point	Not Determined	**Viscosity (cSt @ 40 ℃)**	56 – 58
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; may react with strong oxidants or reductants
Conditions to Avoid	High temperatures or open flame
Incompatible Materials	Strong oxidizing agents, cationic surfactants
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
This product has not been tested and its acute toxicity is unknown. The most likely route of exposure is skin contact. Based on its components eye contact may cause serious damage or irritation. Skin contact may cause 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

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	UN3265, Corrosive Liquid, Acidic, Organic N.O.S. (Contains Organic Phosphate Esters), Class 8, PG III
IMDG	UN3265, Corrosive Liquid, Acidic, Organic N.O.S. (Contains Organic Phosphate Esters), Class 8, PG III
IATA	UN3265, Corrosive Liquid, Acidic, Organic N.O.S. (Contains Organic Phosphate Esters), Class 8, PG III

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	Acute health hazard
SARA 313 Reportable Ingredients	None
Clean Water Act	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=2; Flammability=1; Reactivity=0

Department Issuing SDS Health and Safety

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