Safety Data Sheet

IZ-255

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-255		
Recommended Use	Additive		
Restrictions on Use	For industrial/commercial use only		
Emergency Contact / Number	(630) 620-2010		

Section 2: Hazard Identification

Hazard Classifications

Skin sensitizer	Category 2, Causes skin irritation
Eye damage/irritation	Category 1, Causes serious eye damage



Signal word Warning

Precautionary statements

Prevention	Wash skin and contact areas thoroughly after handling. Work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.
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. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Do NOT induce vomiting
Disposal	Dispose of contents and container according to local, state/provincial, and federal regulations.

Section 3: Composition/Information on Ingredients

Component	CAS#	Concentration
Phosphorodithioic acid, O,O-di-Cl-14- alkyl esters, zinc salts	68649-42-3	15 – 25
Distillates, petroleum, solvent-dewaxed heavy paraffinic	64742-65-0	6 – 18
Paraffin oils, petroleum, catalytic dewaxed light	64742-71-8	10 – 15
Distillates, petroleum, hydrotreated	64742-54-7	7-13

Section 4: First Aid Measures

Eye Contact

Flush eyes with clean, lukewarm water for at least 60 minutes while holding eyelids open. Remove contacts. Get medical attention, preferably an ophthalmologist, if pain or irritation occurs and persists.

Skin Contact

Rinse with water for at least 15 minutes. Remove any contaminated clothing and wash before reuse. Get medical attention if skin irritation or rash occurs and persists. Wash contaminated clothing before reuse.

Ingestion

Rinse mouth. Do NOT induce vomiting. IFSWALLOWED: Immediately call **a** POISON CENTER or doctor/physician.

Inhalation

When symptoms occur, go into open air and ventilate suspected area. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.

Most Important Symptoms / Effects

General: Causes serious eye damage. Skin irritation. May be fatal if swallowed and enters airways.

Inhalation: May cause respiratory irritation.
Skin Contact: Causes skin irritation.
Eye Contact: Causes serious eye damage.
Ingestion: May be fatal if swallowed and enters airways.
Chronic Symptoms: None expected under normal conditions of use.
Indication of Immediate Medical Attention and Special Treatment, If Necessary
If exposed or concerned, get medical advice and attention.

SECTION 5: FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media
Use water spray or fog, dry chemical. High pressure water stream may spread fire. No known unsuitable materials.
Specific Hazards Arising from the Chemical
Not considered flammable but may burn at high temperatures. The product is not explosive. Hazardous reactions will not occur under normal conditions.
Specific Protective Equipment and Precautions for Fire-Fighters
Avoid breathing vapors and mist. 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
Avoid all eye and skin contact and do not breathe vapor and mist. Do not allow product to spread into the environment
Environmental Precautions
Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers, or waterways.
Methods for Cleaning Up
Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Clean up spills immediately and dispose of waste safely. Collect spillage. Absorb and/or contain spill with inert material, then place in suitable container.

SECTION 7: HANDLING AND STORAGE

Handling and Storage
Additional Hazards When Processed: When heated to decomposition, emits toxic fumes.
Handling Temperature: < 60 °C (140°F)
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Comply with applicable regulations.
Storage Conditions: Store in a dry, cool and well-ventilated place. Store locked up. Keep container closed when not in use. Keep/Store away from extremely high or low temperatures, ignition sources, direct sunlight, incompatible materials.
Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.
Storage Temperature:< 38 •c (100°F)

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Control Parameters
For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH {TLV), NIOSH {REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.
Exposure Controls
Appropriate Engineering Controls: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
Eye and Face Protection. Wear safety glasses or chemical safety goggles; use a face shield when working with large amounts or when splashing is possible.

Skin Protection
Wear protective gloves to avoid repeated or prolonged contact. Nitrile gloves with coating thickness 0.4 mm, level 6 > 480 min breakthrough time or polyvinylchloride, coating thickness 0.7 mm, level 6, > 480 min breakthrough time are recommended.
General Hygiene
Follow accepted work practices for handling a possible eye irritant. 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

Physical State	Liquid	**Flash Point (open cup)**	Not Determined
Specific Gravity (Water=1)	1.03 (60.1 °F)	**Upper Flammability Limits**	Not Determined
Evaporation Rate (ether = 1)	Not Determined	**Lower Flammability Limits**	Not Determined
pH	Not Applicable	**Auto-ignition Temperature**	Not Determined
Solubility in Water	Not Determined	**Decomposition Temperature**	Not Determined
Odor	Not Determined	**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 @ 212 °F)**	8.4
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: Hazardous reactions will not occur under normal conditions.
Chemical Stability: Stable at standard temperature and pressure.
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.
Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.
Hazardous Decomposition Products: Thermal decomposition generates: Carbon oxides (CO, CO2). Nitrogen oxides. Phosphorus oxides. Toxic vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product
Acute Toxicity: Not classified
LOSO and LCS0 Data: Not available
Skin Corrosion/Irritation : Causes skin irritation.
Serious Eye Damage/Irritation: Causes serious eye damage.
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Teratogenicity: Not available
Carcinogenicity: Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified
Aspiration Hazard: May be fatal if swallowed and enters airways.
Symptoms/Injuries After Inhalation: May cause respiratory irritation.
Symptoms/Injuries After Skin Contact: Causes skin irritation.
Symptoms/Injuries After Eye Contact: Causes serious eye damage.
Symptoms/Injuries After Ingestion: May be fatal if swallowed and enters airways.

Information on Toxicological Effects - ingredient(s)

LD50 and LC50 Data:

Paraffin oils, petroleum, catalytic dewaxed light (64742-71-8)	
LD50 Oral Rat	**5000 mg/kg**
LD50 Dermal Rat	**2000 mg/kg**
LC50 Inhalation Rat	**2.18 mg/l/4h**

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General: This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

Ecology - Water: Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)	
LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)	
LC50 Fish 1	1.0 - 5.0 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	1 - 1.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	10.0 - 35.0 mg/l (Exposure time: 96 h - Species: Pimephales promelas [semi-static])
Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)	
LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Persistence and Degradability

IZ-255	May cause long-term adverse effects in the environment.

Bioaccumulative Potential

IZ-255	Not established.

Mobility in Soil Not available

Other Adverse Effects

Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Ecology – Waste Materials: Hazardous waste due to toxicity. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

US DOT (United States Department of Transportation)

Not regulated as hazardous material or dangerous goods for transportation by this agency.

IMO / IMDG (International Maritime Dangerous Goods)

Not regulated as hazardous material or dangerous goods for transportation by this agency.

IATA (International Air Transport Association)

Not regulated as hazardous material or dangerous goods for transportation by this agency.

TDG (Transportation of Dangerous Goods)

Not regulated as hazardous material or dangerous goods for transportation by this agency.

Additional advice: Not classified as dangerous in the meaning of transport regulations.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

SARA Section 311/312 Hazard Classes	Acute

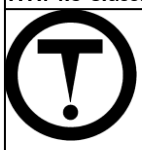
Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Paraffin oils, petroleum, catalytic dewaxed light (64742-71-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations

Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)
U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)
U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term
Paraffin oils, petroleum, catalytic dewaxed light (64742-71-8)
RTK - U.S. - Massachusetts - Right to Know List
Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)
U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term

Canadian Regulations

WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects



Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
Paraffin oils, petroleum, catalytic dewaxed light (64742-71-8)	
Listed on the Canadian DSL (Domestic Substances List)	
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Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

International Regulations

Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on the Canadian DSL (Domestic Substances List) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the United States TSCA (Toxic Substances Control Act) inventory
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SECTION 16: OTHER INFORMATION

GHS Full Text Phrases:

Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Asp. Tox. 1	Aspiration hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H318	Causes serious eye damage
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

Disclaimer

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