Safety Data Sheet

IZ-240

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)	IZ-240		
Recommended Use	Lubricant 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 **Signal Word** Warning

This product is considered hazardous

Skin corrosion/irritation	Category 2, Causes skin ir
Eye damage/irritation	Category 2A, Causes serious eye irritation
Sensitization – skin	Category 1, May cause an allergic skin reaction
Hazardous to the aquatic environment	
-acute	Category 3, Harmful to aquatic life



Precautionary statements

Prevention	Avoid breathing fumes, spray, mist, or vapors. Wash skin and contact areas thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. 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. If skin irritation or rash occurs: Get medical advice or attention. If eye irritation persists: Get medical advice or attention. Take off contaminated clothing and wash before reuse.
Disposal	Dispose of contents and container according to local, state/provincial, and federal regulations.
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 #	Percent
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	20 – 30
Phosphorodithioic acid O,O-dialkyl(C=1-14) esters zinc salts	68649-42-3	20 – 30
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	70024-69-0	1 –5
Sulfonic acids, petroleum, calcium salts	61789-86-4	1 – 5
Distillates (petroleum), hydrotreated heavy paraffinic (DMSO <3%)	64742-54-7	1 - 5

Section 4: First Aid Measures

General Notes (all categories)

Seek medical advice or attention if you feel unwell. Some effects may not appear immediately.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice or attention if eye irritation persists.

Skin Contact

Immediately take off all contaminated clothing. Rinse skin with water/shower for several minutes. Wash contaminated clothing before reusing. Get medical advice or attention if 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.

Inhalation

Remove person to fresh air.

Most Important Symptoms / Effects

Eye stinging, tearing, redness, swelling, and blurred vision. Skin rash or irritation.

Indication of Immediate Medical Attention and Special Treatment, If Necessary

Persistent skin irritation or rash; persistent eye irritation.

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	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 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	Amber or brown liquid	**Flash Point (open cup)**	>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 Determined	**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**	130 mm^2/s
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.
Conditions to Avoid High temperatures or open flame.
Incompatible Materials No information available
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. Product component acute toxicities are not classified at the concentration in this product. The most likely route of exposure is skin contact. Eye contact may cause irritation. Skin contact may cause irritation or sensitization. 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.
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.
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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