Safety Data Sheet

Ida-Soil 1000

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	Ida-Soil 1000
Recommended Use	Lubricants and additives
Restrictions on Use	For industrial/commercial use only
Emergency Contact / Number	(630) 620-2010

Section 2: Hazard Identification

Hazard Classifications

Eye damage/irritation	Category 1, Causes serious eye damage
Skin corrosion/irritation	Category 2, Causes skin irritation
Hazardous to the aquatic environment -chronic	Category 2, Toxic to aquatic life with long lasting effects



Signal word Danger

Precautionary statement(s)

Prevention	Wash skin and contact areas thoroughly after handling. Wear eye protection/face protection/protective gloves. Avoid release to the environment
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. Collect spillage. Dispose of contents or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Section 3: Composition/Information on Ingredients

Component	CAS#	%
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	>75
Dodecenylsuccinic anhydride	25377-73-5	1 – 10
Distillates (petroleum), hydrotreated heavy paraffinic (DMSO <3%)	64742-54-7	1 – 10
Zinc bis(dinonylnaphthalenesulphonate)	28016-00-4	1 – 10

Section 4: First Aid Measures

Eye Contact

Prompt treatment is important. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or first aid center immediately. Contact an ophthalmologist.

Skin Contact

Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs and persists: Get medical advice/attention.

Ingestion

Call a poison center or a doctor if you feel unwell.

Inhalation

Remove person to fresh air and keep comfortable for breathing.

Most Important Symptoms / Effects

Eye pain or vision impairment, skin rash

Indication of Immediate Medical Attention and Special Treatment, If Necessary

Eye pain, treat symptomatically

Section 5: Firefighting Measures

Suitable and Unsuitable Extinguishing Media
Product will burn at high temperatures. Use water spray or fog, dry powder, foam or carbon dioxide. High pressure water stream may spread fire. No known unsuitable materials.
Specific Hazards Arising from the Chemical
May produce CO, CO_2, 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 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 liquid 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 use or 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	OSHA
Petroleum oil	5 mg/m3	5 mg/m3

Engineering Controls
Use appropriate ventilation to avoid exceeding limits and maintain good air quality; avoid breathing aerosols or mists; use appropriate respirator if applicable.
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 chemically resistant, protective gloves to avoid contact.
Respiratory Protection
Maintain good ventilation or air flow. Wear suitable respiratory protection to avoid inhalation of mists or aerosol particles.
General Hygiene
Follow accepted work practices for handling a corrosive eye and skin irritant material. 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	Yellow liquid	**Flash Point (open cup)**	230 °F/110 °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, kinematic (mm^2/s)**	160
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 None known
Hazardous Decomposition Products CO and CO_2, flammable gases, or vapors in a fire or at high temperature.

SECTION 11: TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

Acute Toxicity Effects

Likely routes of exposure are skin and eye contact. Eye contact can cause damage or irritation. Contact with skin can cause irritation. Excessive or prolonged and repeated contact and poor hygiene conditions may result in more severe irritation. 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 components it is classified as toxic with long lasting effects to the aquatic environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Product contains petroleum. Do not dispose to sewer. Avoid release to the environment. Follow licensed waste disposal collector's instructions and dispose of material and empty containers in accordance with local, state/province, and federal environmental regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Not Regulated
TDG Not Regulated
IMDG UN3082, Environmentally hazardous liquid N.O.S. (Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts) Cl 9, PG III
IATA UN3082, Environmentally hazardous liquid N.O.S. (Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts) Cl 9, 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.
Section 302 Extremely Hazardous Chemicals	None
SARA 311/312 Reporting Categories	None
SARA 313 Reportable Ingredients	Zinc compounds
California Prop 65	May expose user to cumene which is known to the State of California to cause cancer

SECTION 16: OTHER INFORMATION

NFPA Rating	Health=1; Flammability=1; Reactivity=0
Department Issuing SDS	Health and Safety

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