Safety Data Sheet

Ida-Soil G Plus

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	Ida-Soil G Plus		
Recommended Use	Gear oil additive		
Restrictions on Use	For industrial/commercial use only		
Emergency Contact / Number	(630) 620-2010		

Section 2: Hazard Identification

Hazards

Eye damage/irritation	Category 2B, Causes eye irritation
Skin corrosion/irritation	Category 2, Causes skin irritation
Sensitization – skin	Category 1A, May cause an allergic skin reaction



Signal word Warning

Precautionary statement(s)

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 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/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Disposal	Dispose of contents and container according to local, state/provincial, and federal regulations.

Section 3: Composition/Information on Ingredients

Component	CAS#	Concentration
Petroleum oil	64742-58-1	10 - 20
Phosphoric acid, methyl and butyl esters, compds. with branched dodecylbenzenamine	1412893-78-7, 1412893-77-6	1 - 10
2,5-Bis(n-octyl-dithio)-1,3,4-thiadiazole	13539-13-4	1 - 10
Dioctyl disulfide	822-27-5	1 – 10

Section 4: First Aid Measures

Eye Contact

Flush eyes with clean, lukewarm water for at least 15 minutes while holding eyelids open. Remove contacts. Get medical attention, preferably an ophthalmologist, if irritation occurs and persists.

Skin Contact

Wash affected area with mild soap and water then rinse with water. Remove any contaminated clothing and wash before reuse. Get medical advice or attention if skin 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. Seek medical advice or attention.

Inhalation

Remove to fresh air and seek medical advice or attention if adverse effects are observed.

Most Important Symptoms / Effects

Rash or allergic reaction

Indication of Immediate Medical Attention and Special Treatment, If Necessary

Persistent eye or skin irritation, allergic reaction

SECTION 5: FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media

Product will burn at high temperatures. Use water spray or fog, dry chemical, foam. 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 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 liquid from entering drains, sewers, or waterways. Advise EPA, state/provincial, 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. If material is too viscous for pumping scrape it up with shovels into suitable containers for recycle or disposal.

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 a possible sensitizer. 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 oil	5 mg/m^3	5 mg/m3

Engineering Controls

Use appropriate ventilation to 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 protective clothing and 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.

Respiratory Protection

Maintain good ventilation or air flow. Wear suitable respiratory protection to avoid inhalation of mist or aerosol particles.

General Hygiene

Follow accepted work practices for chemicals. 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. Launder soiled clothes before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	Dark green liquid	**Flash Point (open cup)**	>140 ℃
Specific Gravity (Water=1)	>0.9, 20 ℃	**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	Bland	**Vapor Pressure (mm Hg/25 °C)**	<0.1
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 ℃)**	>20
Initial Boiling Point	130 °	**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	Stable at ambient temperatures
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	Strong acids, strong oxidizing agents
Hazardous Decomposition Products	High temperatures, such as in a fire may cause product decomposition, resulting in the release of carbon monoxide, carbon dioxide, and unknown decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Effects

Likely routes of exposure are skin and eye contact. Eye contact may cause irritation. Short term contact with skin is unlikely to cause problems. Excessive or prolonged and repeated contact and poor hygiene conditions may result in 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.

Toxic to Reproduction

One material present at less than 1% suspected of damaging fertility or the unborn child.

Skin Sensitization

Two materials totaling 2% or less may cause an allergic skin reaction.

Carcinogenicity

NTP, OSHA and IARC have not identified any carcinogenic ingredients in this product.

SECTION 12: ECOLOGICAL INFORMATION

Based on its main components this product is not 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	Not Regulated
IMDG	Not Regulated
IATA	Not Regulated

SECTION 15: REGULATORY INFORMATION

Chemical Inventories All ingredients are listed or exempt from listing on the following inventories
TSCA, active (U.S.), DSL (Canada), EINECS (Europe)

SECTION 16: OTHER INFORMATION

NFPA Rating Health=1; Flammability=1; Reactivity=0

Department Issuing SDS Health and Safety

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