Safety Data Sheet

Ida-Soil D-666

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 D-666		
Recommended Use	Corrosion inhibitor additive		
Restrictions on Use	For industrial/commercial use only		
Emergency Contact / Number	(630) 620-2010		

Section 2: Hazard Identification

Hazard Classification

Eye damage/irritation	Category 2A, Causes serious eye irritation
Sensitization, skin	Category 1, May cause an allergic skin reaction



Signal word Warning

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 protection/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/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing 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 distillates, naphthenic, hydrotreated	64742-52-5	50 - 80
Sulfonic acids, petroleum, calcium salts	61789-86-4	10 - 20
Barium carbonate	513-77-9	10 - 20
Non-hazardous, below hazard level ingredients	Mixture	Balance

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 attention if skin irritation occurs.
Ingestion
Give water if victim is conscious. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical direction. Keep head below hips if vomiting occurs to prevent aspiration. Get medical attention if symptoms occur.
Inhalation
Remove to fresh air and seek medical attention if adverse effects are observed.
Most Important Symptoms / Effects
Persistent rash, eye irritation or pain
Indication of Immediate Medical Attention and Special Treatment, If Necessary
Persistent eye or skin irritation, ingestion, gastrointestinal or respiratory distress. See Section 11.

SECTION 5: FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media
Water mist, sand, CO_2, foam, or dry chemicals. Water stream may spread fire.
Specific Hazards Arising from the Chemical
May produce toxic fumes, gases, and vapors in a fire. Closed containers may rupture or explode when exposed to extreme heat.
Specific Protective Equipment and Precautions for Fire-Fighters
Use a water spray to cool fire-exposed containers, structures and to protect personnel. Do not enter confined fire space without full equipment and a positive pressure NIOSH-approved self-contained breathing apparatus. Closed containers may rupture or 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, or local agencies as required.
Methods for Cleaning Up
Do not discharge to the environment. Transfer to labeled, sealable containers for product recovery or safe disposal. Small liquid spills can be handled using absorbent material. 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 a possible skin and eye irritant. Wear mask when spraying to avoid inhalation. Best stored at 50 – 90 °F. Reseal lid on container after use. Store only in original or compatible, clearly labeled container. Avoid contact with oxidizing agents.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits

Component Name	ACGIH	OSHA
Severely hydrotreated heavy naphthenic oil	5 mg/m^3 (mist)	5 mg/m^3 (mist)
Barium carbonate	0.5 mg/m^3	0.5 mg/m^3

Engineering Controls
Use appropriate ventilation to maintain airborne concentration limits below exposure limits.
Eye and Face Protection
Wear safety glasses or chemical safety goggles; use face shield if splashing is possible e.g. when working with large amounts.
Skin Protection
Wear protective gloves to avoid repeated or prolonged contact.
Respiratory Protection
Maintain good ventilation or air flow. Use a respirator in areas where the exposure is unknown or above OSHA or ACGIH limits.
General Hygiene
Follow accepted work practices for handling an eye and skin 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

Appearance/Physical State	Brown liquid	**Flash Point (PMCC)**	350 °F
Specific Gravity (Water=1)	1.01	**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	Slightly soluble	**Decomposition Temperature**	Not Determined
Odor	Mild petroleum	**Vapor Pressure**	Not Determined
Odor Threshold	Not Determined	**Vapor Density (Air-=1)**	>1
Melting/Freezing Point	Not Determined	**Partition Coefficient (n-octanol/water)**	Not Determined
Boiling Range	Not Determined	**Viscosity (**SUS, 100 °F)	Not Determined
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 occur under normal conditions
Conditions to Avoid: Extreme hot or cold
Incompatible Materials: Strong oxidizers, strong acids, or strong alkalis
Hazardous Decomposition Products: Carbon monoxide and dioxide, other toxic gases or vapors in a fire or at very 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 which may cause irritation or skin 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

Specific environmental tests have not been conducted on this mixture. The product is not classified as an environmental hazard based on its main components.

SECTION 13: DISPOSAL CONSIDERATIONS

Avoid release to the environment. Dispose of 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 on the following inventories TSCA Active List (U.S.); DSL (Canada); EINECS (Europe); PICCS (The Philippines); AICS (Australia); Status for other national inventory lists available on request
SARA 311/312 Reporting Categories	None
SARA 313 Reportable Ingredients	Barium compounds 15 – 25%
CERCLA	No calculable reportable quantity (RQ) for this product
(Comprehensive Environment Response, Compensation and Liability Act)	
Clean Water Act	According to section 311(b)(4) of this act, contamination of surface waters by petroleum products must be reported immediately to the National Response Center
Additional Information	
Prop 65 (California)	Does not contain listed materials

SECTION 16: OTHER INFORMATION

Department Issuing SDS Health and Safety

Disclaimer

The information appearing in this document is based upon data obtained from raw material manufacturers and/or recognized technical sources. While this information is believed to be correct IDEAS ADDITIVES LLC makes no representations as to its accuracy or sufficiency, usage, or hazards connected with the use of this material. Since this product may be applied under conditions unfamiliar to us or beyond our control, we claim no responsibility for the results of its use, and users are responsible for the verification of the information under their own operating conditions to determine whether the product is suitable for their particular purposes, and these users assume all risks of their use, handling, and disposal of the product. This information relates only to the product designated above and does not relate to its use in combination with any other process.