IDEAS · Additives

Safety Data Sheet

Ida-Sol FYP

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer	Ideas Inc 625 S Main St. Lombard, IL 60148
Telephone	(630) 620-2010
Fax	(630) 620-2014
Product Names	Ida-Sol FYP
Recommended Use	Aqueous corrosion inhibitor
Restrictions on Use	For industrial/commercial use only
Emergency Contact / Number	(630) 620-2010

SECTION 2: HAZARD IDENTIFICATION

Hazards

Skin corrosion/irritation	Category 2, Causes skin irritation
Eye damage/irritation	Category 2A, Causes serious eye irritation



Signal Word Warning

Precautionary Statements

Prevention

Wash hands and exposed areas thoroughly after handling. Wear eye and face protection. Wear protective gloves.

Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice or attention.
If on skin: Wash with plenty of water.
If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash before reuse.

Storage and Disposal

Not Applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS#	Component Percent
Monoethanolamine	141-43-5	10 – 20
Octanoic acid triethanolamine salt	22919-56-8	30 – 50
Triethanolamine monoborate	10049-36-2	1 – 10
Non-hazardous or below hazard level	Mixture	Balance

SECTION 4: FIRST AID MEASURES

Eye Contact

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

Skin Contact

Skin irritation may occur. 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 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. Promptly seek medical advice or attention.

Inhalation

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

Most Important Symptoms / Effects

Skin or eye irritation or pain, skin rash

Indication of Immediate Medical Attention and Special Treatment, If Necessary

skin or eye irritation, ingestion

SECTION 5: FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media

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, or local agencies as required.

Methods for Cleaning Up

Stop leak if you can without risk. Prevent runoff to the environment or sewer. Transfer spill 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 and placed in suitable containers for recycle or disposal. 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. See Section 8 for personal protection gear. Use good ventilation and follow all procedures and precautions for handling an irritant material. Store 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 TWA
Monoethanolamine (CAS 141-43-5)	3 ppm	3 ppm

Engineering Controls

Use appropriate ventilation to maintain good air quality; avoid breathing aerosols or mists; use appropriate respirator if applicable or if exposure limits are exceeded.

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 gloves to avoid 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. Use appropriate respirator if levels are unknown or exposure limits are exceeded.

General Hygiene

Follow accepted work practices to protect skin and eyes. 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	Colorless or yellow liquid	**Flash Point (open cup)**	Not Applicable
Specific Gravity (Water=1)	>1	**Upper Flammability Limits**	Not Determined
Evaporation Rate (ether = 1)	<1 (25 °C)	**Lower Flammability Limits**	Not Determined
pH	10.2	**Auto-ignition Temperature**	Not Determined
Solubility in Water	Soluble	**Decomposition Temperature**	Not Determined
Odor	Slight ammonia	**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 @ 40 °C)**	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 react under normal conditions; may react with strong acids or oxidants; may react with or corrode aluminum
Conditions to Avoid High temperatures, open flame
Incompatible Materials Strong acids, strong oxidizing agents
Hazardous Decomposition Products CO, CO_2, possibly toxic gases or vapors in a fire or at high temperature.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Effects

Likely routes of exposure are skin and eye contact. Eye contact may cause irritation or burning sensation. Skin contact may cause burning sensation, rash, or 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

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), ENCS (Japan), KECL (South Korea)
SARA 302 Extremely Hazardous Chemicals	None
SARA 311/312 Reporting Categories	Acute, chronic hazards
SARA 313 Reportable Ingredients	None
California Prop 65	Diethanolamine (CAS 111-42-2) - trace impurity (<0.1 %)
Right to Know (NJ, PA, MA)	Monoethanolamine, triethanolamine
CERCLA	No calculable reportable quantity (RQ) for this product
(Comprehensive Environment Response, Compensation and Liability Act)	

SECTION 16: OTHER INFORMATION

NFPA Rating Health=2; Flammability=1; Reactivity=0

Department Issuing SDS Health and Safety

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