Safety Data Sheet

Ida-Mid S-685

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-Mid S-685		
Recommended Use	Amide complex		
Restrictions on Use	For industrial/commercial use only		
Emergency Contact / Number	(630) 620-2010		

Section 2: Hazard Identification

Hazard Classifications

Eye damage/irritation — Category 2A, Causes serious eye irritation



Signal word — Warning

Precautionary statements

Prevention: Wash skin thoroughly after handling. Wear eye protection/ face protection.

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/ attention.

Section 3: Composition/Information on Ingredients

Component	CAS#	Concentration
1,1'-iminobis-2-propanol	110-97-4	10 – 40
Non-hazardous components	Mixture	Balance

Section 4: First Aid Measures

General advice: Move out of dangerous area. Consult a physician if concerned. Show this safety data sheet to the doctor in attendance.

If inhaled: Move victim to fresh air. Give oxygen or artificial respiration if needed. Get immediate medical attention. Never give anything by mouth to an unconscious person.

In case of skin contact: Remove contaminated clothing and shoes. Do not reuse contaminated leatherware. Rinse skin with water or shower. Wash contaminated clothing before reuse. Get medical attention if rash or irritation occurs and persists.

In case of eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Washing eyes as quickly as possible is essential to achieve maximum effectiveness. Check for and remove any contact lenses. Get medical attention, preferably an ophthalmologist, if pain or irritation occurs and persists.

If swallowed: Do not induce vomiting; call a physician or poison control center.

Most important symptoms/effects, acute and delayed: Eye pain or irritation

Indication of immediate medical attention and special treatment needed, if necessary: Ongoing eye or skin pain

Section 5: Firefighting Measures

Suitable and Unsuitable Extinguishing Media: Product will burn at high temperatures. Use water spray or fog, carbon dioxide, dry chemical or foam. High pressure water stream may spread fire. No known unsuitable materials.

Specific Hazards Arising from the Chemical: May produce CO_x, NO_x, decomposition products, acrid or harmful vapors in a fire. Closed containers may rupture or explode when exposed to extreme heat.

Specific Protective Equipment and Precautions for Fire-Fighters: Follow good fire-fighting practices. 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. 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. Contact relevant authorities if there is a possible leak to the environment.

Section 7: Handling and Storage

Precautions for safe handling: Wear protective clothing to prevent or minimize contact. Use good ventilation and follow all procedures and precautions for handling chemicals.
Conditions for safe storage, including any incompatibilities: 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
Product and components	Not Applicable	Not Applicable

Appropriate engineering controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to maintain good air quality and keep worker exposure to airborne contaminants below recommended or statutory limits. Ensure and know the location of eyewash station or safety shower.
Eye/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 or gloves to avoid contact. Clean or wash contaminated clothing before reusing.
Respiratory protection: Wear suitable respiratory protection if needed to avoid inhalation in absence of good ventilation or air flow.

Section 9: Physical and Chemical Properties

Appearance/Physical State	Clear amber to brown liquid	**Flash Point (open cup)**	338 °F/170 °C
Specific Gravity (Water=1)	0.97	**Upper Flammability Limits**	Not Determined
Evaporation Rate (ether = 1)	<1	**Lower Flammability Limits**	Not Determined
pH	9.5 – 10.5 (1% in water)	**Auto-ignition Temperature**	Not Determined
Solubility in Water	Slightly soluble	**Decomposition Temperature**	Not Determined
Odor	Not Determined	**Vapor Pressure**	Not Determined
Odor Threshold	Not Determined	**Vapor Density (Air-=1)**	Not Determined
Melting/Freezing Point	5 °F/-15 °C	**Partition Coefficient (n-octanol/water)**	Not Determined
Boiling Range	Not Determined	**Viscosity (cSt @ 40 °C)**	Not Determined
Initial Boiling Point	>480 °F/250 °C	**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: No specific test data available
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 oxidizing agents
Hazardous Decomposition Products: None under normal storage and use conditions

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Effects: Likely routes of exposure are skin and eye contact. Eye contact may cause irritation. Skin contact may be irritating but product is not classified as a skin irritant. Excessive or prolonged and repeated contact and poor hygiene conditions may result in dryness, dermatitis, erythema, oil acne, cracking and defatting of the skin. Inhalation may cause respiratory tract 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. The LD_{50} of 1,1'-iminobis-2-propanol is 6,720 mg/kg (rat).
Chronic toxicity effects: Long term or repeated exposure may aggravate any acute symptoms.
Carcinogenic: OSHA, NTP and IARC have not identified any carcinogenic components.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: This product has not been tested. Based on its main components it is not expected to be hazardous to the aquatic environment.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.

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. Packaging may contain product residues. Clean thoroughly before discarding or reusing.

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.), and DSL (Canada)
SARA 311/312 Reporting Categories	None
SARA 313 Reportable Ingredients	None
California Prop 65	None

SECTION 16: OTHER INFORMATION

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

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