Safety Data Sheet

Ida-Klor 42

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(s)	Ida-Klor 42		
Recommended Use	Metalworking fluids		
Restrictions on Use	For industrial/commercial use only		
Emergency Contact / Number	(800) 424-9300		

Section 2: Hazard Identification (In accordance with OSHA (29 CFR 1910.1200, 2024)

Classification of the substance or mixture **Signal Word** Not Applicable

This product is not classified

Precautionary statements Not Applicable

Hazards Not Otherwise Classified None known

Acute Toxicity Estimate Contains no materials of unknown acute toxicity.

Section 3: Composition/Information on Ingredients

Component	CAS #	Percent
Paraffin waxes and hydrocarbon waxes, C_{18} and longer, chlorinated	63449-39-8	100

Section 4: First Aid Measures

General Notes (all categories)

Seek medical advice or attention if injured or feel unwell. Some effects may not appear immediately.

Eye Contact

May cause irritation. Rinse thoroughly with plenty of water for at least 15 minutes. Seek medical advice or attention if irritation occurs and persists.

Skin Contact

May cause irritation. Take off contaminated clothing and wash affected area with soap and water. Wash contaminated clothing before reusing. Seek medical advice or attention if irritation 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 immediately.

Inhalation

Remove person to fresh air. Seek medical attention if discomfort occurs and persists.

Most Important Symptoms / Effects

May cause temporary eye irritation.

Indication of Immediate Medical Attention and Special Treatment, If Necessary

Persistent eye or skin irritation or pain, impaired vision.

Section 5: Firefighting Measures

Suitable and Unsuitable Extinguishing Media

Product will not burn or only at very high temperatures. Use water spray, fog, dry chemical, or foam as applicable to surrounding fire. No known unsuitable materials.

Specific Hazards Arising from the Chemical

May produce hydrogen chloride (HCl) which is toxic in a fire. May produce toxic smoke, decomposition products, gases, and acrid vapors in a fire.

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 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.

SECTION 7: HANDLING AND STORAGE

Handling and Storage
Practice good chemical hygiene. Wear appropriate eye and face protection, protective gloves and 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 TWA	OSHA PEL
Oil mist (general guideline)	5 mg/m^3	5 mg/m^3

Engineering Controls
Use appropriate ventilation to avoid exceeding exposure levels and maintain good air quality; avoid breathing aerosols or mists; use appropriate respirator if necessary.
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 oil and chemically resistant protective clothing and gloves to minimize or avoid contact.
Respiratory Protection
Maintain good ventilation or air flow. Wear suitable respiratory protection to avoid inhalation.
General Hygiene
Follow accepted work practices for eye and face protection. 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	Clear light to dark yellow liquid	**Flash Point (open cup)**	>500 °F / 270 °C
Specific Gravity (Water=1)	1.1 – 1.2	**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	Slight	**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 (poise @25 °C)**	100 max
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 oxidants.
Conditions to Avoid	Long term exposure to light, high temperatures or hot surfaces
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	May release hydrogen chloride or chlorine compounds (>350 °F for short times, >150 °F for extended time periods.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Effects
No acute toxicity known. The most likely route of exposure is skin contact. Eye contact may cause temporary irritation. Skin contact is not expected to cause irritation. No data on inhalation or ingestion.
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

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.

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 TSCA, active (U.S.) and DSL (Canada) inventories.
SARA 311/312 Reporting Categories	None
SARA 313 Reportable Ingredients	None
Clean Water Act	Report contamination of surface waters immediately to the National Response Center.
CERCLA	No calculable reportable quantity (RQ) for this product
(Comprehensive Environment Response, Compensation and Liability Act)	
California Prop 65	Not listed

SECTION 16: OTHER INFORMATION

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

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