Safety Data Sheet

P-1072

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	P-1072
Recommended Use	Surfactant
Restrictions on Use	For industrial/commercial use only
Emergency Contact / Number	(630) 620-2010

Section 2: Hazard Identification

Hazard Classifications



Acute toxicity, inhalation	Category 4, Harmful if inhaled
Eye damage/irritation	Category 1, Causes serious eye damage
Skin corrosion/irritation	Category 2, Causes skin irritation
Specific target organ toxicity (single exposure)	Category 3, May cause respiratory irritation
Aquatic environment, acute	Category 2, Toxic to aquatic life
Aquatic environment, chronic	Category 2, Toxic to aquatic life with long lasting effects

Signal word Danger

Precautionary statement(s)

Prevention	Avoid breathing fumes, spray, mist, or vapors. Wash skin and contact areas thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection/protective gloves. Avoid release to the environment.
Response	IF ON SKIN: Wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a doctor or poison control center. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. Collect spillage.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up and in accordance with all regulations.
Disposal	Dispose of contents and container according to local, state/provincial, and federal regulations.

Section 3: Composition/Information on Ingredients

Component	CAS#	% Concentration
Dodecylphenol ethoxylate	Trade Secret	98 – 100
Glycol ethers	Mixture	15 – 25
Ethylene oxide	75-21-8	<=0.001

Section 4: First Aid Measures

Eye Contact

If not promptly treated this product can permanently damage eyes. Immediately flush eyes with clean, lukewarm water for at least 15 minutes while holding eyelids open. Remove contacts. Get medical attention.

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 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. Get immediate medical advice or attention.

Inhalation
Remove to fresh air and seek medical attention if adverse effects are observed.
Most Important Symptoms / Effects
Eye pain or vision impairment. May cause vision damage or blindness if left untreated. May cause respiratory or skin irritation.
Indication of Immediate Medical Attention and Special Treatment, If Necessary
Persistent eye pain or irritation

SECTION 5: FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media
Product will burn at high temperatures. Use water mist, powder, carbon dioxide, alcohol resistant foam, sand or sodium bicarbonate. Water stream may spread fire.
Specific Hazards Arising from the Chemical
May produce CO, CO_2, decomposition products, flammable gases, and acrid vapors in a fire. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. 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 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 and upwind. Avoid skin or eye contact with spilled material. Do not breathe mist or spray. See Section 8 for personal protection gear.
Environmental Precautions
Product is water soluble or dispersible. 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. 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 eye protection. Wear protective 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 – 100 °F. Store and use away from heat, sparks, open flame or any other ignition source. 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, STEL	NIOSH Ceiling
Ethylene oxide	1 ppm	1 ppm, 5 ppm	5 ppm, 9 mg/m^3

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 suitable eye and face protection such as chemical respirator with organic cartridge, safety glasses or chemical safety goggles; use face shield when working with large amounts or when splashing is possible. Provide emergency eye wash fountain and shower in immediate work area.
Skin Protection
Wear protective gloves and clothing to avoid repeated or prolonged contact.
Respiratory Protection
Maintain good ventilation or air flow. Wear suitable respiratory protection such as chemical respirator with organic cartridge to avoid inhalation of mist or spray.
General Hygiene
Follow accepted work practices for handling an eye and possible 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	Clear, colorless liquid	**Flash Point (PMCC)**	>212 °F
Specific Gravity (Water=1)	1.03 – 1.04 (20 °C)	**Upper Flammability Limits**	Not Determined
Evaporation Rate (ether = 1)	<1	**Lower Flammability Limits**	Not Determined
pH	5 – 7 (1% in 15/85 IPA/H2O)	**Auto-ignition Temperature**	Not Determined
Solubility in Water	Dispersible	**Decomposition Temperature**	Not Determined
Odor	Mildly aromatic	**Vapor Pressure (mm Hg/25 °C)**	Not Determined
Odor Threshold	Not Determined	**Vapor Density (Air-=1)**	Not Determined
Melting/Freezing Point	0 °F	**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 Stable and 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 High temperatures, open flame, contact with incompatible materials.
Incompatible Materials Strong acids, strong oxidizing agents (nitric, peroxide, chromates), inorganic acids and bases, aluminum
Hazardous Decomposition Products CO and CO_2, flammable gases, or irritating vapors in a fire or at high temperature.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Effects
Can cause serious eye damage, can cause skin irritation, harmful if inhaled, low ingestion hazard. Not a respiratory or skin sensitizer. No data indicating product or any component above 0.1% is mutagenic or genotoxic. See Section 4 for immediate treatment.
Chronic Toxicity Effects
Long term or repeated exposure may aggravate any acute symptoms.
Carcinogenicity
NTP, OSHA and IARC have not identified any carcinogenic ingredients above 0.1% in this product. Ethylene oxide present at <=0.001% is known to OSHA, IARC and NTP to be a human carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

This product is toxic to aquatic life with long lasting effects. The main component, dodecylphenol ethoxylate, has a 96 hour fish LC_{50} of 2.25 mg/l. Further information available on request.

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 at licensed waste disposal site.

SECTION 14: TRANSPORT INFORMATION

DOT UN3082, Cl 9, PG III Environmentally hazardous substance, liquid n.o.s. (dodecylphenol ethoxylate), Marine pollutant.
Not DOT regulated in containers of 119 gal or less
IMDG UN3082, Cl 9, PG III Environmentally hazardous substance, liquid n.o.s. (dodecylphenol ethoxylate), IMDG Regulated Marine Pollutant.
IATA UN3082, Cl 9, PG III Environmentally hazardous substance, liquid n.o.s. (dodecylphenol ethoxylate).
Allowed with restrictions (cargo and passenger/cargo aircraft)

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 302 Extremely Hazardous Chemicals
Ethylene oxide (CAS 75-21-8) 0 001%; Reportable quantity – 10 lbs.; Threshold planning quantity – 1,000 lbs.
SARA 304 Emergency release notification
Ethylene oxide (CAS 75-21-8) 10 lbs.
SARA 311/312 Reporting Categories
Acute
SARA 313 Reportable Ingredients
Glycol ethers (15-25%)
CERCLA Hazardous Substance List
Ethylene oxide – listed
California Prop 65
Ethylene oxide (CAS 75-21-8) is known to the State of California to cause and cancer, and birth defects or other reproductive harm

SECTION 16: OTHER INFORMATION

NFPA Rating	Health=3; Flammability=1; Reactivity=0
Department Issuing SDS	Health and Safety

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