Safety Data Sheet

IZ-253

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	IZ-253		
Recommended Use	Additive		
Restrictions on Use	For industrial/commercial use only		
Emergency Contact / Number	(630) 620-2010		

Section 2: Hazard Identification

Hazard Classifications	Not Classified
Signal word	Not Applicable
Precautionary statement(s)	
Prevention	Observe good industrial hygiene practices.
Response	Take off contaminated clothing and wash it before reuse.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.

Section 3: Composition/Information on Ingredients

Component	CAS#	% Concentration
Oleyl alcohol	143-28-2	<10
Phenol	108-95-2	1

Comments: Occupational exposure limits for phenol are listed in Section 8.

Section 4: First Aid Measures

Eye Contact Rinse with water. Get medical attention if irritation develops and persists.
Skin Contact Wash off with soap and water. Get medical attention if irritation develops and persists.
Ingestion Rinse mouth. Get medical attention if symptoms occur.
Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Most Important Symptoms / Effects

Direct contact with eyes may cause temporary irritation.

Indication of Immediate Medical Attention and Special Treatment, If Necessary

Treat symptomatically.

5: Firefighting Measures

Suitable and Unsuitable Extinguishing Media

Product will burn. Use water fog, foam, dry chemical powder, or carbon dioxide (CO_2). Water stream may spread fire.

Specific Hazards Arising from the Chemical

During fire, gases hazardous to health may be formed.

Specific Protective Equipment and Precautions for Fire-Fighters

No unusual fire or explosion hazards. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions
Affected area may be slippery. Isolate release area and keep unnecessary or untrained people away and upwind. See Section 8 for exposure levels.
Environmental Precautions
Avoid discharge into drains, water courses or onto the ground.
Methods for Cleaning Up
Stop leak if you can without risk. Do not discharge to the environment. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

SECTION 7: HANDLING AND STORAGE

Handling and Storage
Observe good industrial hygiene practices. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits

Component Name	ACGIH TWA	OSHA PEL	NIOSH
Phenol (CAS 108-95-2)	5 ppm	5 ppm, 19 mg/m^3	TWA: 5 ppm, 19 mg/m^3 Ceiling:15.6 ppm, 60 mg/m^3

ACGIH Biological Exposure Indices
Impurities Value Determinant Specimen Sampling Time

Impurities	Value	Determinant	Specimen	Sampling Time
Phenol (CAS 108-95-2)	250 mg/g	Phenol with hydrolysis	Creatinine in urine	*

* - For sampling details, please see the source document.

Exposure guidelines for Phenol (CAS 108-95-2)	
US ACGIH Threshold Limit Values: Skin designation	Danger of cutaneous absorption
US NIOSH Pocket Guide to Chemical Hazards: Skin designation	Can be absorbed through the skin.
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)	Can be absorbed through the skin.

Engineering Controls
Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level appropriate ventilation to maintain good air quality; avoid breathing aerosols or mists; use appropriate respirator if applicable.
Eye and Face Protection
Wear safety glasses with side shields (or goggles).
Skin Protection
Wear appropriate chemical resistant gloves and suitable protective clothing.
Respiratory Protection
In case of insufficient ventilation, wear suitable respiratory equipment.
General Hygiene
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	Clear, colorless to light yellow liquid	**Flash Point (PMCC)**	370 °F (188 °C)
Specific Gravity (Water=1)	0.91	**Upper Flammability Limits**	10% (estimate)
Evaporation Rate (ether = 1)	<1	**Lower Flammability Limits**	3% (estimate)
pH	Not Determined	**Auto-ignition Temperature**	Not Determined
Solubility in Water	Not Determined	**Decomposition Temperature**	Not Determined
Odor	Alcoholic	**Vapor Pressure (mm Hg/25 °C)**	<0.0000001 kPa
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 (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.

Conditions to Avoid Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with incompatible materials.

Incompatible Materials Strong oxidizing agents

Hazardous Decomposition Products Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation No adverse effects due to inhalation are expected.

Skin contact No adverse effects due to skin contact are expected.

Eye contact Direct contact with eyes may cause temporary irritation.

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

Acute toxicity Not known

Direct contact with eyes May cause temporary irritation.

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/irritation Direct contact with eyes may cause temporary irritation.

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization Not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity NTP, OSHA and IARC have not identified any carcinogenic ingredients above 0.1% in this product.

Chronic Toxicity Effects

Long term or repeated exposure may aggravate any acute symptoms.

Toxicological data impurities	Species	Test Results
Phenol (CAS 108-95-2)	Rat	LD_{50} (oral) 317 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability No data is available on the degradability of this substance.
Bioaccumulative potential No data available.
Mobility in soil No data available.
Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: DISPOSAL CONSIDERATIONS

This material and its container must be disposed of in a safe manner. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Empty containers or liners may retain some product residues.
Waste from residues / unused products Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

DOT, TDG, IMDG, IATA Not regulated

SECTION 15: REGULATORY INFORMATION

Chemical Inventories
Product and all ingredients are listed or exempt from listing on the TSCA, active (U.S.) and DSL (Canada) inventories. Other inventories include Australia (AICS), China (IECSC), Europe (EINECS and ELINCS), Japan (ENCS), Korea (ECL), New Zealand, Philippines (PICCS) and Taiwan (TCSI).

U.S. Federal or State Regulations
SARA 302 Extremely Hazardous Chemicals
Phenol (CAS 108-95-2); RQ 1,000 lbs; TPQ (lower) 500 lbs; TPQ (upper) 10,000 lbs
SARA 304 Emergency release notification
Phenol (CAS 108-95-2) 1,000 lbs
SARA 311/312 Reporting Categories
None
SARA 313 Reportable Ingredients
Phenol (CAS 108-95-2) 1%
CERCLA Hazardous Substance List
Phenol (CAS 108-95-2) listed
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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