Safety Data Sheet

DTFA

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	DTFA		
Recommended Use	Acidic buffer		
Restrictions on Use	For industrial/commercial use only		
Emergency Contact / Number	(630) 620-2010		

Section 2: Hazard Identification

Hazard Classifications

Eye damage/irritation	Category 2B, Causes eye irritation

Signal word Warning

Precautionary statement(s)

Prevention	Wash skin and contact areas thoroughly after handling.
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
Organic fatty acids	Mixture	100

Section 4: First Aid Measures

Eye Contact
Flush eyes with clean, lukewarm water for at least 15 minutes while holding eyelids open. Remove contacts. If irritation occurs and persists, get medical attention if irritation occurs and persists.

Skin Contact
Wash affected area thoroughly with mild soap and water then rinse with water. Get medical advice or attention if irritation or rash occurs and persists. Remove any contaminated clothing and wash before reuse.

Ingestion
Never give anything by mouth to an unconscious person. Rinse mouth with water if victim is conscious. Do not induce vomiting without medical direction. Keep head below hips to prevent aspiration if vomiting occurs. Seek medical attention if victim feels unwell or if large amount was ingested.

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

Most Important Symptoms / Effects
Eye pain or vision impairment, skin rash, or allergic reaction may occur.

Indication of Immediate Medical Attention and Special Treatment, If Necessary
None expected under normal conditions. Seek medical attention for persistent eye or skin pain; irritation, or allergic reaction

Section 5: Firefighting Measures

Suitable and Unsuitable Extinguishing Media
Product will burn at high temperatures. Use water spray or fog, dry chemical, foam as appropriate for surrounding fire. 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 or 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
The affected area may be slippery. Isolate release area and keep unnecessary or untrained people away. Avoid or minimize 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. Wash affected area with detergent or soapy water to remove slip hazard.

Section 7: Handling and Storage

Handling and Storage
Wear protective clothing to prevent or minimize contact. See specific recommendations in Section 8. Use good ventilation and follow all procedures and precautions for handling chemicals. Best stored in a dry, well ventilated place at 50 – 90 °F. Reseal lid on container after use. Store only in the original or a compatible, clearly labeled container. Product will darken in direct sunlight or heat.

Section 8: Exposure Control and Personal Protection

Exposure Limits

Component Name	ACGIH	OSHA
No established limits	Not Applicable	Not Applicable

Engineering Controls
Use appropriate ventilation to maintain good air quality; avoid breathing aerosols or mists; use appropriate respirator 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 if splashing is possible.
Skin Protection
Wear protective gloves to avoid contact. Confirm impermeability with glove supplier for materials in Section 3.
Respiratory Protection
Maintain good ventilation or air flow. Wear suitable respiratory protection to avoid inhalation of aerosol particles.
General Hygiene
Follow accepted work practices for handling chemicals. 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	Yellow flakes	**Flash Point (open cup)**	356 °F (180 °C)
Specific Gravity (Water=1)	0.85 (75 °C)	**Upper Flammability Limits**	Not Determined
Evaporation Rate (ether = 1)	<1	**Lower Flammability Limits**	Not Determined
pH	Not Determined	**Auto-ignition Temperature**	617 °F (325 °C)
Solubility in Water	Insoluble	**Decomposition Temperature**	Not Determined
Odor	Faint	**Vapor Pressure (mm Hg @ 20 °C)**	Not Determined
Odor Threshold	Not Determined	**Vapor Density (Air-=1)**	Not Determined
Melting/Freezing Point	104 °F (40 °C)	**Partition Coefficient (n-octanol/water)**	Not Determined
Boiling Range	Not Determined	**Viscosity (cSt @ 40 °C)**	Not Determined
Initial Boiling Point	392 °F (200 °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 None known
Chemical Stability Stable under normal storage and use conditions
Possibility of Hazardous Reactions Will not occur under normal conditions use and storage conditions
Conditions to Avoid Extremely high or low temperature, direct sunlight
Incompatible Materials Strong oxidizing agents
Hazardous Decomposition Products CO and CO_2

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Effects
Likely route of exposure is skin contact. Product is non-irritating and non-sensitizing. Avoid prolonged or repeated contact. Poor hygiene may result in irritation. Oral toxicity (rat) – LD_{50} > 5,000 mg/kg. Inhalation toxicity (rat) – LC_{50} > 0.16 mg/l/4h. Dermal toxicity (rabbit) – LD_{50} > 2,000 mg/kg.
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

Not classified as hazardous to the aquatic environment. Readily biodegradable; potential for bioaccumulation is expected to be low. Do not allow runoff to surface waters, wastewater, or soil.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of material and empty containers in accordance with local, state/province, and federal environmental regulations.

SECTION 14: TRANSPORT INFORMATION

DOT (land) , IMDG(marine), IATA (air) 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. Other national inventories on request.
SARA 311/312 Reporting Categories	None
SARA 313 Reportable Ingredients	None
California Prop 65	Not listed

SECTION 16: OTHER INFORMATION

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

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