

GELEST, INC.

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MATERIAL SAFETY
DATA SHEET

EMERGENCY TELEPHONE
CHEMTREC: 1-800-424-9300

NAME USED ON LABEL: **ZINC 2-ETHYLHEXANOATE - CXZN040**
 CHEMICAL NAME: ZINC 2-ETHYLHEXANOATE
 SYNONYMS: ZINC OCTOATE; 2-ETHYLHEXANOIC ACID, ZINC SALT
 CHEMICAL FAMILY: ZINC COMPOUND
 FORMULA: C₁₆H₃₀O₄Zn
 HMIS CODES HEALTH: 3 FLAMMABILITY: 2 REACTIVITY: 0

INGREDIENTS

IDENTITY	CAS NO.	%	TLV	OSHA PEL
ZINC 2-ETHYLHEXANOATE	136-53-8	>95		not established
2-ETHYLHEXANOIC ACID	149-57-5	<5		not established

PHYSICAL DATA

Boiling Point: NA	Melting Point: NA
Specific Gravity: 1.17	Vapor Pressure: not determined
Vapor Density: NA	Solubility in water: insoluble
% volatiles: <3	Evaporation rate: NA
Molecular Weight: 351.79	Other: NA
Appearance & Color: Yellow-amber liquid, extremely viscous.	

FIRE & EXPLOSION DATA

Flash Point, COC: 127°C (260°F) Autoignition Temp.: not determined
 Flammability Limits: LEL: NA UEL: NA

Extinguishing Media: Water spray, foam, carbon dioxide, dry chemical.
 Special Fire Fighting Procedures: Avoid eye and skin contact. Do not breathe fumes or inhale vapors.
 Unusual Fire and Explosion Hazards: Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

-1-(CXZN040)

ENVIRONMENTAL INFORMATION

Spill response: Ventilate area of spill. Absorb into vermiculite, sand or inert material. Sweep material and transfer to a suitable container for disposal.

Recommended Disposal: Dispose of as solid waste. Follow all chemical pollution control regulations.

HEALTH HAZARD DATA

Eye Contact: May cause immediate or delayed severe eye irritation.

Skin contact: May produce irritation or contact dermatitis. Prompt and thorough washing with soap and water will reduce or eliminate potential dermal effects.

Inhalation: Inhalation of dust or particulates may irritate the respiratory tract.

Oral Toxicity: not determined

Chronic Toxicity: not determined

SUGGESTED FIRST AID

EYES: In case of contact, immediately flush eyes with flowing water for at least 15 minutes. Get medical attention.

SKIN: Flush with water, then wash with soap and water.

INHALATION: Move exposed individual to fresh air. Administer oxygen if needed. Call a physician.

INGESTION: Never give fluids or induce vomiting if patient is unconscious or having convulsions. Get medical attention.

REACTIVITY DATA

Stability: Stable

Conditions to avoid: Strong oxidizing agents.

Hazardous decomposition products: Organic acid vapors and zinc oxide fumes.

-2-(CXZN040)

SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust is required. Mechanical is recommended.

Respiratory Protection: If exposure exceeds TLV, NIOSH approved dust and mist respirator.

Eye and Face Protection: Chemical worker's goggles. Do not wear contact lenses.

Other Clothing and Equipment: Rubber, neoprene or nitrile gloves. An eyewash and emergency shower should be available. Launder clothing before reuse.

OTHER PRECAUTIONS

For research and industrial use only.

Storage and Handling: Store in sealed containers.

TRANSPORTATION

DOT SHIPPING NAME: CHEMICALS, NOI

DOT HAZARD CLASS: None required

DOT LABEL: None required

DOT ID No: None required

Prepared by safety and environmental affairs ISSUE DATE CXZN0400: 5/9/09
SUPERSEDES: 4/4/03

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