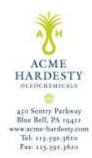
# **Material Safety Data Sheet**



2-ETHYL HEXYL STEARATE PRODUCT NAME:

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

PRODUCT NAME: 2-Ethylhexyl Stearate

CAS #: 22047-49-0

DATE: November 8, 2012

DISTRIBUTOR: ACME-HARDESTY COMPANY

ADDRESS: 450 Sentry Parkway

Blue Bell, PA 19422

TELEPHONE: (866) 226 - 3834(215) 591 - 3620FAX:

CHEMTREC (800) 424-9300 **EMERGENCY:** 

#### COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION	CHEMICAL FORMULA	CAS#	Wt/Wt, %	EC#	EC SYMBOL	EC R- PHRASES
2-Ethylhexyl Stearate	$C_{26}H_{52}O_2$	22047-49-0	≥ 90	244-754-0	Not Applicable	Not Applicable

### HAZARDS IDENTIFICATION

HAZARDS IDENTIFICATION: Not considered as hazardous.

Not classified as hazardous according to criteria of WorkSafe Australia.

PROPOSED CLASSIFICATION: Not classified

**HUMAN HEALTH HAZARDS** 

INHALATION: Not applicable at ambient temperature

Vapor can cause irritation

SKIN CONTACT: Unlikely to be an irritant

EYE CONTACT: Can cause irritation

INGESTION: May cause irritation of the gastrointestinal tract

Low oral toxicity

PHYSICAL/CHEMICAL HAZARDS: None identified **ENVIRONMENTAL HAZARDS:** None identified

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FIRST AID MEASURES

INHALATION: Remove patient from exposure.

Obtain medical attention if ill effects occur.

SKIN CONTACT: Remove contaminated clothing.

Wash skin with soap and water.

If symptoms develop, obtain medical attention.

EYE CONTACT: Irrigate with eyewash solution or clean water for at least 10 minutes.

Obtain medical attention.

INGESTION: Remove material from mouth.

Drink plenty of water.

If large amount is swallowed or symptoms develop, get medical attention.

FURTHER MEDICAL TREATMENT: Symptomatic treatment and supportive therapy as indicated.

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FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide, dry chemical

UNSUITABLE EXTINGUISHING MEDIA: None known

SPECIFIC HAZARDS Thermal decomposition will evolve irritant vapors.

FIRE-FIGHTER PROTECTION: Self contained breathing apparatus, full protective clothing.

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ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with eyes

Do not breathe vapors

ENVIRONMENTAL PRECAUTIONS: Minimize contamination of drains, surface and ground waters

METHODS FOR CLEAN-UP: Transfer product to suitably labeled containers for disposal at an approved site

Absorb liquid spillage onto inert material (e.g. sand)

Residues and small spillages may be washed away with water and detergent

OTHER INFORMATION: Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate

regulatory body

HANDLING AND STORAGE

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HANDLING: Prevent eye skin contact

Avoid breathing material Provide adequate ventilation

Do not swallow

STORAGE: Store in original closed containers.

OTHER INFORMATION: For quality reasons, avoid elevated temperatures

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ENGINEERING MEASURES: Ensure adequate ventilation or local exhaust if formation of vapor occurs.

HYGIENE MEASURES: Good industrial hygiene should be followed

OCCUPATIONAL EXPOSURES: No occupational exposure limits have been established

PERSONAL PROTECTIVE EQUIPMENT: Normal precautions should be observed as for handling all equipment

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#### PHYSICAL AND CHEMICAL PROPERTIES

#### VALUES ARE NOT INDICATIVE OF PRODUCT SPECIFICAITONS

PHYSICAL STATE @ 20°C: Liquid COLOUR: Colorless ODOUR: Faint

pH: Not applicable BOILING POINT/BOILING RANGE, °C: >200 °C CLOUD POINT, °C: <10°C

FLASH POINT, °C: 200°C (open cup)

FLAMMABILITY: No data
AUTOIGNITION TEMPERATURE: No data
EXPLOSION PROPERTIES: No data

OXIDATION PROPERTIES: Not to be expected

VAPOUR PRESSURE @ 20°C: <1 hPa
DENSITY @ 20°C: 860 kg/m³
SOLUBILITY IN WATER: Insoluble

SOLUBILITY IN OTHER INGREDIENTS: Soluble in many organic solvents

PARTITION COEFFICIENT (log Pow): >3 (estimated) VISCOSITY @ 40°C: 10 mm<sup>2</sup>/s

VOLATILE ORGANIC COMPOUND (VOC): Not volatile ambient

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# STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions

MATERIALS TO AVOID: Oxidizing agents
CONDITIONS TO AVOID: Not known

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition will evolve irritant vapors

HAZARDOUS REACTIONS: None

HAZARDOUS POLYMERIZATIONS: Will not occur

# TOXICOLOGICAL INFORMATION

## **ACUTE TOXICITY:**

ORAL: LD50: >2 g/kg (rat)

SKIN IRRITATION: Not irritating (rabbit)

EYE IRRITATION: Not irritating (rabbit)

SENSITIZATION: No sensitization reactions (guinea-pig)

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ECOLOGICAL INFORMATION

DEGRADABILITY: Readily biodegradable

ECOTOXICITY: LC50: >10 g/l (fish - 96 hours)

EC50: >10 g/l (Pseudomonas putida - 16 hours)

>100 mg/l (Daphnia magna - 48 hours)

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DISPOSAL CONSIDERATIONS

METHODS OF DISPOSAL: Re-use/recycling of waste highly recommended. Disposal according to the

local legislation.

CONTAMINATED PACKAGING: Observe local regulations.

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TRANSPORT INFORMATION

Not classified in RID/ADR – ADNR – IMDG – ICAO/IATA-DGR

REGULATORY INFORMATION

INCI DESIGNATION: 2-Ethylhexyl Stearate

Not Classified as Dangerous for Supply/Use

Not classified as hazardous according to criteria of WorkSafe Australia.

Compliant EU (EINECS/ELINCS.NLP): Compliant USA (TSCA): CANADA (DSL): Compliant AUSTRALIA (AICS): Compliant JAPAN (ENCS): Compliant Compliant CHINA (IECSC): Compliant KOREA (ECL): Compliant PHILIPINES (PICCS):

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Disposal of containers must comply with applicable federal, state and local laws and regulations. Empty containers should never be given to individuals.