

## Material Safety Data Sheet

PRODUCT NAME: 2-ETHYLHEXYL PALMITATE

### CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: 2-Ethylhexyl Palmitate  
CAS #: 29806-73-3  
DISTRIBUTOR: XI'AN AOGU BIOTECH CO.,LTD  
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### COMPOSITION / INFORMATION ON INGREDIENTS

PRODUCT DESCRIPTION: 2-Ethylhexyl Palmitate

COMPOSITION	CHEMICAL FORMULA	CAS NO	WT/WT, %	EC NO	EC SYMBOL	EC RPHRASES
2-Ethylhexyl Palmitate	C <sub>24</sub> H <sub>48</sub> O <sub>2</sub>	29806-73-3	≥90%	249-862- 1	Not Applicable	Not Applicable

### HAZARDS IDENTIFICATION

Not classified as hazardous according to criteria of WorkSafe Australia

HAZARDS IDENTIFICATION: Not considered as hazardous.

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

## FIRST AID MEASURES

EYE CONTACT:	Wash out with water Obtain medical attention if sensation persists.
SKIN CONTACT:	Wash skin with soap and water. If symptoms develop, obtain medical attention.
INHALATION:	Remove patient from exposure. Obtain medical attention if ill effects occur.
INGESTION:	Remove material from mouth. Drink plenty of water. If large amount swallowed or symptoms develop get medical attention.
FURTHER MEDICAL TREATMENT:	Symptomatic treatment and supportive therapy as indicated.

## FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Dry chemical, water spray, foam, carbon dioxide.
UNSUITABLE EXTINGUISHING MEDIA:	None known
SPECIAL HAZARDS:	Thermal decomposition will evolve irritant vapors
EQUIPMENT FOR FIREFIGHTERS:	Self-contained breathing apparatus, full protective clothing.

## ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Avoid contact with eyes. Do not breathe vapor.
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

HANDLING:	Prevent eye/skin contact. Avoid breathing this material. Provide adequate ventilation. Do not swallow.
STORAGE:	Store in original containers.
OTHER INFORMATION:	For quality reasons, avoid elevated temperatures

## EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES:	Ensure ventilation or local exhaust if formation of vapor occurs .
HYGIENE MEASURES:	Good industrial hygiene should be followed. Wash hands before breaks and after work.
OCCUPATIONAL EXPOSURE:	No occupational exposure limits have been established .
PERSONAL PROTECTIVE MEASURES:	Normal precautions should be observed as for handling all chemicals

## PHYSICAL AND CHEMICAL PROPERTIES

Values are not product specifications.

PHYSICAL STATE:	Liquid @ 20°C
COLOR:	Colorless
ODOR:	Faint
pH VALUE:	Not applicable
BOILING POINT/RANGE, C:	>200°C
FLASH POINT, C:	215°C (Open cup)
AUTOIGNITION TEMP:	No data
FLAMMABILITY (OC):	No data
EXPLOSIVE PROPERTIES	No data
OXIDIZING PROPERTIES	Not to be expected
VAPOR PRESSURE, °C:	< 1 hPa
DENSITY @ 20°C:	860 kg/m <sup>3</sup>
SOLUBILITY IN WATER	Insoluble
SOLUBILITY IN OTHER INGREDIENTS	Soluble in many organic solvents
PARTITION COEFFICIENT (log Pow):	> 3 (estimated)

## STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions
MATERIALS TO AVOID:	Oxidizing agents
CONDITIONS TO AVOID:	None known
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition will evolve irritant vapors.
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS REACTIONS:	None

## 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)

## ECOLOGICAL INFORMATION

DEGRADABILITY:	Readily and ultimately biodegradable
	Biodegradability (OECD 301B) 80.8%

# XI'AN AOGU BIOTECH CO.,LTD

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## DISPOSAL CONSIDERATIONS

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**METHODS OF DISPOSAL:** Re-use/recycling of waste highly recommended  
Disposal should be in accordance with local, state or national legislation.

**CONTAMINATED PACKAGING:** Observe local regulations.

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## TRANSPORT INFORMATION

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

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## REGULATORY INFORMATION

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**INCI DESIGNATION:** 2-Ethylhexyl Palmitate

### INVENTORY STATUS:

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

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Users must make their own determination that handling, storage and use of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product.

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