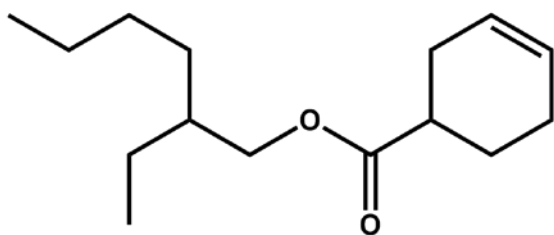


DATA SHEET Nr A

2-Ethylhexyl-3-cyclohexenecarboxylate 2EHCC



Molecular formula:	C ₁₅ H ₂₆ O ₂
Molecular weight:	238.4
CAS number:	63302-64-7
EC number:	263-084-2

SPECIFICATION

Parameter	Guaranteed value
Appearance	Clear, colorless liquid
Purity (GC)	≥ 99.0 %

SYNONYMS

3-Cyclohexene-1-carboxylic acid, 2-ethylhexyl ester

APPEARANCE

Clear liquid with pungent odor.

PHYSICAL PROPERTIES

Density (predicted, 20°C):	0.94 g/cm ³
Boiling point (predicted):	304 °C / 101 kPa

CHEMICAL

Solubility:

- Soluble in usual organic solvents (acetone, toluene, chloroform, THF).
- Insoluble in water

Reactivity:

- Slowly hydrolyzes to 3-cyclohexenyl carboxylic acid and 2-ethylhexyl alcohol.

USES

- Organic synthesis intermediate.
- Used as a component in lubricating oils
- Precursor to materials used to synthesize epoxy resins

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PACKAGING

Contact VanDeMark.

HANDLING PRECAUTIONS

- Physicochemical hazard:

Flash point: $131 \pm 9.6 \text{ }^{\circ}\text{C}$

- Health hazards:

No data on the health effects of exposure to this compound have been determined.

- Recommended:

When handling this product wear gloves, goggles, mask and protective clothes.

If eyes or skin are contaminated wash immediately with clean water for at least 15 minutes. In case of inhalation of concentrated vapors take person to fresh air. In both cases consult a physician.

STORAGE

The product is stable when stored in its closed original packaging, protected from direct sunshine, in a covered, dry, cool and well-ventilated area.

However, in case of prolonged storage it is recommended to analyze the product for the presence of hydrolysis products prior to use.

TRANSPORTATION

Refer to MSDS.

EMERGENCY RESPONSE

*Contact CHEMTREC 1-800-424-9300 in case of a transportation incident.

*Contact VanDeMark 1-716-433-6764 for all other incidents.