

MATERIAL SAFETY DATA SHEET

1 Identification

Product identifier

Trade name: Ethylhexyl Methoxycinnamate

Synonym

- 3-(4-methoxyphenyl)-2-propenoic acid, 2-ethylhexyl ester
- 2-EHMC
- 2-Ethylhexyl p-methoxycinnamate
- NSC 26466
- Octinoxate
- OMC
- Octyl 4-methoxycinnamate

Article number: 33401

CAS Number: 5466-77-3

EC number: 226-775-7

Application of the substance / the mixture

This product is for research use - Not for human or veterinary diagnostic or therapeutic use.

Details of the supplier of the safety data sheet

Supplier: Elchemy

Company Address: 3/8 2nd Floor, Asaf Ali Road, Above Dabur India Pvt. Ltd., New Delhi, India, 110002

Company Web Site: www.elchemy.com



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Registered Name: **BizinBiz Technologies Private Limited**

Registered Address: 3/8 2nd Floor, Asaf Ali Road, Above Dabur India Pvt. Ltd., New Delhi, India, 110002

CIN: U24290DL2021PTC382855 | **GST: 07AAJCB9425C1ZR**

IEC: AAJCB9425C

Emergency Phone Number: +919867099519 (24 Hrs)

Email Id: info@elchemy.com

2 Hazard(s) identification

Classification of the substance or mixture

Aquatic Chronic 4 H413 May cause long lasting harmful effects to aquatic life.

Label elements

GHS label elements

The substance is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms None

Signal word None

Hazard statements

H413 May cause long lasting harmful effects to aquatic life.

Precautionary statements

- P273 Avoid release to the environment.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

NFPA ratings (scale 0 - 4)

Health = 0

Fire = 0

Reactivity = 0



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HMIS-ratings (scale 0 - 4)

Yes HEALTH 0	Health = 0
Yes FIRE 0	Fire = 0
No REACTIVITY 0	Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Substances

CAS No. Description

5466-77-3 2-Ethylhexyl 4-methoxycinnamate

Identification number(s)

EC number: 226-775-7

4 First-aid measures

Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.



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Information for doctor:

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents:

Use fire fighting measures that suit the environment.

A solid water stream may be inefficient.

Special hazards arising from the substance or mixture

No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures: Not required.

Environmental precautions: Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).



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Reference to other sections:

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

Protective Action Criteria for Chemicals

- PAC-1: Substance is not listed.
- PAC-2: Substance is not listed.
- PAC-3: Substance is not listed.

7 Handling and storage

Handling:

Precautions for safe handling:

- No special precautions are necessary if used correctly.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Avoid prolonged or repeated exposure.
- Keep away from sources of ignition.
- Take precautionary measures against static discharge.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage: Store in accordance with information listed on the product insert.

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

Specific end use(s): No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see section 7.



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Control parameters

Components with limit values that require monitoring at the workplace: Not required.

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures: Wash hands before breaks and at the end of work.

Breathing equipment: Not required.

Protection of hands:

- The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
- Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling.

9 Physical and chemical properties

Information on basic physical and chemical properties	
General Information	
Appearance:	Liquid
Color:	Not determined.
Odor:	Characteristic



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Structural Formula	C18H26O3
Molecular Weight	290.4 g/mol
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Decomposition temperature:	Not determined.
Ignition temperature:	Not determined.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure:	Not determined.
Density:	Not determined.
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Not determined.
Partition coefficient (n-octanol/ water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
SOLUBILITY	DMF: 30 mg/ml; DMSO: 30 mg/ml; Ethanol: 30 mg/ ml



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10 Stability and reactivity

Reactivity No further relevant information available.

Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Incompatible materials: strong oxidizing agents

Hazardous decomposition products: carbon oxides

11 Toxicological information

RTECS Number UD3392732

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

Carcinogenic categories

- **IARC (International Agency for Research on Cancer)** Substance is not listed.
- **NTP (National Toxicology Program)** Substance is not listed.
- **OSHA-Ca (Occupational Safety & Health Administration)** Substance is not listed.



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12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

Additional ecological information:

General notes:

- Water hazard class 2 (Assessment by list): hazardous for water
- Do not allow product to reach ground water, water course or sewage system.
- Danger to drinking water if even small quantities leak into the ground.

Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods

Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.



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14 Transport information

UN-Number DOT, IMDG, IATA	not regulated
UN proper shipping name DOT, IMDG, IATA	not regulated
Transport hazard class(es)	
DOT, ADN, IMDG, IATA Class	not regulated
Packing group DOT, IMDG, IATA	not regulated
Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation":	not regulated

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

Sara

- **Section 355 (extremely hazardous substances):** Substance is not listed.
- **Section 313 (Specific toxic chemical listings):** Substance is not listed.

TSCA (Toxic Substances Control Act): ACTIVE

Hazardous Air Pollutants Substance is not listed.

Proposition 65

- **Chemicals known to cause cancer:** Substance is not listed.
- **Chemicals known to cause reproductive toxicity for females:** Substance is not listed.
- **Chemicals known to cause reproductive toxicity for males:** Substance is not listed.
- **Chemicals known to cause developmental toxicity:** Substance is not listed.



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Carcinogenic categories

- **EPA (Environmental Protection Agency)** Substance is not listed.
- **TLV (Threshold Limit Value)** Substance is not listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health)** Substance is not listed.

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/14/2024 Revision date 02/14/2024

Trade name: Ethylhexyl Methoxycinnamate

(Contd. from page 6)

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16 Other information

All chemicals may pose unknown hazards and should be used with caution. This SDS applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. Cayman Chemical Company assumes no responsibility for incidental or consequential damages, including lost profits, arising from the use of these data. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Cayman Chemical Company assumes no responsibility for the completeness or accuracy of the information contained herein.

Department issuing SDS: Environment protection department.

Contact: -

Date of preparation / last revision: 02/14/2024



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Abbreviations and acronyms:

- **IMDG:** International Maritime Code for Dangerous Goods
- **DOT:** US Department of Transportation
- **IATA:** International Air Transport Association
- **EINECS:** European Inventory of Existing Commercial Chemical Substances
- **CAS:** Chemical Abstracts Service (division of the American Chemical Society)
- **NFPA:** National Fire Protection Association (USA)
- **HMIS:** Hazardous Materials Identification System (USA)
- **PBT:** Persistent, Bioaccumulative and Toxic
- **vPvB:** very Persistent and very Bioaccumulative
- **NIOSH:** National Institute for Occupational Safety
- **OSHA:** Occupational Safety & Health
- **TLV:** Threshold Limit Value
- **PEL:** Permissible Exposure Limit
- **REL:** Recommended Exposure Limit
- **Aquatic Chronic 4:** Hazardous to the aquatic environment - long-term aquatic hazard
- Category 4

* Data compared to the previous version altered.

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This is a computer-generated document hence does not need signature.



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