



MATERIAL SAFETY DATA SHEET

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EMERGENCY No. 0419 341 095 any time

<http://www.nuvo.com.au>**PRODUCT: OCTYL METHOXYCINNAMATE****PRODUCT NAME:** Octyl Methoxycinnamate**OTHER NAMES:** 2-Ethylhexyl p-methoxycinnamate

UN NUMBER : None assigned
DANGEROUS GOODS :
CLASS & SUB RISK : Not applicable
HAZCHEM CODE : None assigned
PACKAGING GROUP : None assigned
POISONS SCHEDULE : Not scheduled
USES : As a UV-B absorber, for sunscreen products having
Additional absorption in short wave UVA spectrum
range.

STATEMENT OF HAZARDOUS NATURE:

Classified as not hazardous according to the criteria of Worksafe Australia.

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE/ODOUR : Transparent colourless to pale yellow liquid.
Practically odourless.
BOILING POINT : 160°C at 1 mbar
MELTING POINT (°C) :
FLASHPOINT (°C) : 192°C
REFRACTIVE INDEX n_D^{20} : 1.542 – 1.548
PURITY BY GC : 98.0% min.
ACID VALUE(mgr KOH per gr.) : 1.0 max.
SPECIFIC GRAVITY $D^{25/25}$: 1.010
SOLUBILITY : Insoluble in water
OTHER PROPERTIES :

INGREDIENTS:

CHEMICAL ENTITY	CAS No.	PROPORTION
2-Ethylhexyl p-methoxycinnamate	5466-77-3	100%

1. HEALTH HAZARD INFORMATION**Acute Health Hazards:**

Swallowed: Swallowing may have the following effects: gastrointestinal irritation. A large dose may have the following effects: central nervous system depression.

Eyes: Liquid or mist may cause slight transient irritation.

Skin: Prolonged contact may cause skin irritation.

Inhaled: High concentration (mist) may irritate the respiratory tract.

Other Hazards:

Possible risk of impaired fertility. Possible risk of harm to the unborn child.

2. FIRST AID

Swallowed: Drink water to dilute substance. Obtain medical attention.

Eyes: Remove contact lenses, flush with water for 15-20 minutes. Seek medical advice immediately.

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- Skin:** Remove contaminated clothing. Wash affected areas with soap and water.
Inhaled: Seek fresh air immediately. If breathing is difficult seek medical advice.
First aid facilities: Provide eye bath and safety shower in the immediate vicinity of any potential exposure.
Advice to doctor: Treat symptomatically - see health hazards listed above.

3. PRECAUTIONS FOR USE**Exposure standards :**

Engineering controls: Mechanically ventilate enclosed areas to control airborne levels below recommended exposure levels.

Personal protection: Eyes: Safety glasses; Hands/skin: Gloves.

Flammability:

FLASHPOINT (°C): 192°C

4. SAFE HANDLING INFORMATION**Storage & Transport:**

Store in full, tightly closed glass, aluminium or suitably lined containers, protected from heat and light.

Stability & Reactivity:

Stability is excellent when stored in above conditions. Quality should be rechecked after one year of storage. Avoid strong oxidising agents.

Spills & disposal:

Disposal should be carried out in accordance with national and local regulations e.g. in an approved incinerator. If correctly incinerated this material will decompose to carbon dioxide and water. All spillage should be cleared up quickly. Do not allow the material to enter surface water drains. If this should occur inform the local authorities immediately. Collect the material in a closed container or salvage tank and remove to a safe place for disposal by burning. Flush contaminated area with plenty of water. Contact local authorities for regulations on disposal.

Fire/Explosion Hazards:**Flammability:**

FLASHPOINT (°C) : 192°C

Fire Fighting Recommendations:

- Extinguishing media : Carbon dioxide, dry chemical or foam.
Protective equipment : Wear self-contained breathing apparatus in a large fire
Special precautions : Fire can generate CO, CO² smoke.

CONTACT POINT:**EMERGENCY No. 0419 341 095 all hours**

DISCLAIMER: The information given in this data sheet is based on data supplied by the manufacturer and is, to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. The information and recommendations offered are for the user's consideration and it is the user's responsibility to satisfy themselves that they are suitable and complete for this particular purpose. We recommend that the safety and handling information presented in this data sheet be passed on, in an appropriate format, to your customers and handlers.