

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

Revision date: 11.01.2019

Print Date: 01.04.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name: semaSORB® UV9825
Product code: 6767
Brand: semaSORB
REACH No.: A registration number is not available for this substance as the Substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.
CAS-No.: 13373-29-0

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: UV absorber

1.3 Details of the supplier of the safety data sheet

Company: sema Gesellschaft für Innovationen mbH
Industriestraße 12
D-06869 Coswig/ GERMANY
Telephone: +49 34903 30464
Fax : +49 34903 30465
E-mail address: info@sema-gmbh.com

1.4 Emergency telephone number

Emergency Phone # 0361-730730 (Giftnotruf -Erfurt, Deutschland)
+49 (0)361-730730 (Poison emergency call, world)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

H317 May causes an allergic skin reaction

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

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Pictogram:



Signal word:

Warning

Hazard statement(s)

H317 May causes an allergic skin reaction.

Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement(s)

P302 + P352 IF ON SKIN: Wash with plenty of water.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Disposal

P501 Dispose of contents / container in accordance with local / regional / national / international regulations.

Supplemental Hazard: none

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances

Synonyms: Ethyl -2-cyano-3-(4-hydroxy-3- methoxy phenyl) acrylate

Formula: $C_{13}H_{13}NO_4$

Molecular weight: 247,25 g/mol

CAS-No.: 13373-29-0

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Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
semaSORB UV9825 CAS-No. 13373-29-0	H317 Allergic Skin	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice



Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special exposure hazards arising from the substance, its products of combustion or resulting gases hazardous combustion products

In case of fire, may be released: Carbon monoxide and carbon dioxide Nitric oxides (NO_x) No data available:

5.3 Instructions for fire fighting

Special protective equipment:

Wear self-contained breathing apparatus. Wear full protective suit.

5.4 Further information

No data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For information on safe handling, see section 7.

For information on personal protective equipment, see section 8.

For information on disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep container tightly closed.

Store in tightly closed containers at room temperature and dry.

Ensure good ventilation/exhaustion at the workplace.

Notes on fire and explosion protection

No information known

7.2 Conditions for safe storage taking into account incompatibilities

Requirements for storage rooms and containers

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No special requirements.

Information on storage in one place

Store airtight.

Store away from oxidizing agents.

Store away from strong bases

7.3 Specific end uses

No data available.

SECTION 8: Exposure controls/personal protection

Additional information on the design of technical installations

Properly working fume cupboard designed for hazardous chemicals with an average extraction speed of at least 30m/ min.

Components with limit values that require monitoring at the workplace

Not applicable

Additional notes

No data

8.1 Control parameters

Exposure controls and monitoring

Individual protective measures (personal protective equipment)



Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment



Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection

Tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be proofed prior to use. Use proper glove removal Technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Full contact

Material: Nitrile rubber

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Body Protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For Higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge Into the environment must be avoided.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance Form:	solid, crystalline
Colour:	yellow
Odour	No data available
Melting point/freezing point:	108-114°C
Initial boiling point and boiling range:	No data available
Sublimation temperature/start:	No data available
Flash point.	> 350°C
Ignition temperature:	> 450 °C
Decomposition temperature.	No data available
Danger of explosion:	The product is not explosive
Explosion limits:	
Lower:	No data available
Upper:	No data available
Vapour pressure:	No data available
Bulk density:	500 g/l
Solubility in / Mixing with:	
Water at 20°C	Not soluble

9.2 Other safety information

No data available

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SECTION 10: Stability and reactivity**10.1 Thermal decomposition/conditions to be avoided**

No data available

10.2 Substances to be avoided

Oxidizing agents, bases

10.3 Dangerous reactions

No data available

10.4 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see section 5

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

LD50 Oral - Rat No data available

LD50 Dermal - Rabbit No data available

Skin corrosion/irritation No data available

Serious eye damage/eye irritation
Eyes No data available

Respiratory or skin sensitisation No data available

Germ cell mutagenicity No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available

Additional Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish semi-static test LC50 No data available

12.2 Persistence and degradability No data available

12.3 Bioaccumulative potential No data available

12.4 Mobility in soil No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects No data available

SECTION 13: Notes on disposal**13.1 Waste treatment methods****Product**

For proper disposal, please comply with governmental or national regulations. hazardous waste collectors or to Take it to the hazardous materials collection point. Must comply with the official regulations are given special treatment

Contaminated packaging

Disposal according to the official regulations.

SECTION 14: Transport information**14.1 UN number**

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

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ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

No data available

SECTION 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Full text of H-Statements referred to under sections 2 and 3.

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15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Further information

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