

HYDROXYPROLISILANE SPE

updated 10/06/2016

Edition : C
Revision : A**1 - IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**Trade name: **HYDROXYPROLISILANE SPE****1.2. Relevant identified uses of the mixture and uses advised against**

Relevant identified uses: Cosmetic ingredient to be used by professional only

Uses advised against: Not a food ingredient, do not inject

1.3. Details of the supplier of the safety data sheet:

MANUFACTURER: **EXSYMOL SAM**
ADDRESS: 4 avenue Albert II, 98000 MONACO
TELEPHONE NUMBER: +377 92 05 66 77
FAX NUMBER: +377 92 05 25 02
E-mail: exsymol@exsymol.com

1.4. Emergency telephone number:

EXSYMOL: +377 92 05 66 77 (from 8:30am to 5pm)
ORFILA: +33 (0)1 45 42 59 59

2 – HAZARDS IDENTIFICATION**2.1. Classification of the mixture**

Mixture not classified as dangerous according to REGULATION (EC) N°1272/2008

2.2. Label elements

none

2.3. Other hazards

none known

3 - COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**

This product does not contain either substances which present human health and environmental hazards, in concentration equal to or greater than those mentioned in regulation (EC) N°1272/2008, neither substances for which Union workplace exposure limits have been assigned.

4 – FIRST AID MEASURES**4.1. Description of first aid measures**

In case of contact with skin: Wash skin with soap and copious amounts of water.

In case of contact with eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists seek for medical attention.

In case of ingestion: Do NEVER induces vomiting, do not give drink. Seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

No data available

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5 - FIREFIGHTING MEASURES**5.1. Extinguishing media**

Suitable extinguishing media: Water, carbon dioxide, dry powder, or foam.

Unsuitable extinguishing media: No limit regarding extinguishing media.

5.2. Special hazards arising from the mixture: No specific hazard**5.3. Advice for fire fighters:** Aqueous solution, not combustible.

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6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Avoid contact with mixture.

For emergency personnel: Personal protection (see 8.2.)

6.2. Environmental precautions: Do not discharge into drains / surface waters / ground waters.

6.3. Methods and material for containment and cleaning up: Pick up with absorbent material.

6.4. Reference to other sections: Dispose of contaminated material as described in section 13.

7 - HANDLING AND STORAGE

7.1. Precautions for safe handling

Recommendations for handling: Use a personal protection; avoid contact with skin and eyes.

Advice on general occupational hygiene: Keep away from human and animal food and drinks; do not eat, drink and smoke in work areas; wash hands in entering/leaving the work areas.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed, Do not store at or below 0°C. Keep away from food.

7.3. Specific end use(s):

No specific end use except those mentioned in chapter 1.2.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

None of the included substances has been assigned with national or European union, occupational or biological exposure limit values.

8.2. Exposure controls

Eye/face protection: Chemical safety glasses

Skin protection: Resistant gloves

Respiratory protection: not necessary

Thermal hazards: not necessary

9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

- | | |
|--|---|
| a) Appearance: | Limpid to slightly opalescent liquid, colourless to orange |
| b) Odour: | odourless |
| c) Odour threshold: | odourless |
| d) pH: | 5.0 - 6.5 |
| e) Melting point/freezing point: | no data available |
| f) Initial boiling point and boiling range: | no data available |
| g) Flash point: | > 100°C |
| h) Evaporation rate: | no data available |
| i) Flammability (solid, gas): | Not flammable |
| j) Upper/lower flammability or explosive limits: | no data available |
| k) Vapour pressure: | no data available |
| l) Vapour density: | no data available |
| m) Relative density: | around 1 g/cm ³ |
| n) Solubility(ies): | Miscible in water, ethanol or glycols. Not miscible in hexane. |
| o) Partition coefficient: n-octanol/water: | no data available, aqueous mixture. |
| p) Auto-ignition temperature: | no data available |
| q) Decomposition temperature: | no data available |
| r) Viscosity: | no data available |

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- s) Explosive properties: no data available
 t) Oxidising properties: no data available

9.2. Other information
10 - STABILITY AND REACTIVITY

- 10.1. Reactivity Aqueous mixture (see 10.3)
 10.2. Chemical stability Polymerisation (not hazardous) may occur for pH < 3 or > 7
 10.3. Possibility of hazardous reactions May react hazardously with components that react so with water
 10.4. Conditions to avoid Temperatures of, or below 0°C (not hazardous)
 10.5. Incompatible materials no data available
 10.6. Hazardous decomposition products no data available

11 - TOXICOLOGICAL INFORMATION
11.1. Information on toxicological effects

Following data are issued from experimentation on similar products.

- a) acute toxicity: (ORAL) LD₀ ≥ 20 ml/kg (mouse)
 b) skin corrosion/irritation: no irritant effect (rabbit)
 c) serious eye damage/irritation: Practically non irritant (rabbit & HET-CAM)
 d) respiratory or skin sensitisation: no sensibilisation reaction (clinical study at 50%)
 e) germ cell mutagenicity: no mutagenic activity (Ames test – OECD 471)
 f) carcinogenicity: none of the components is CMR classified
 g) reproductive toxicity: none of the components is CMR classified
 h) STOT-single exposure: no data available
 i) STOT-repeated exposure: no data available
 j) aspiration hazard: no data available

OTHERS INFORMATIONS: Not phototoxic, Not photoallergic (clinical study at 50%)

12 - ECOLOGICAL INFORMATION

Following data are issued from experimentation on similar products.

- 12.1. Toxicity LC₅₀ 96 h > 100 mg/l (Brachydanio rerio)
 EC₅₀ 48 h > 100 mg/l (Daphnia magna)
 12.2. Persistence and degradability no data available
 12.3. Bio accumulative potential no data available
 12.4. Mobility in soil no data available
 12.5. Results of PBT and vPvB assessment no data available
 12.6. Other adverse effects no data available

13 - DISPOSAL CONSIDERATIONS
13.1. Waste treatment methods

Burn or destroy according to all federal, state or local legislation and regulations.

14 - TRANSPORT INFORMATION

- 14.1. UN number -
 14.2. UN proper shipping name -
 14.3. Transport hazard class(es) not regulated
 14.4. Packing group not regulated
 14.5. Environmental hazards -
 14.6. Special precautions for user -

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OTHER INFORMATION: Keep away from food.

15 - REGULATORY INFORMATION[15.1. Safety, health and environmental regulations/legislation specific for the mixture](#)

Mixture not assigned to any specific regulation

[15.2. Chemical safety assessment](#)

Not relevant

16 - OTHER INFORMATION*The present edition has been generated to comply with REGULATION (EU) N°2015/830.*

Classification is done according to REGULATION (CE) N°1272/2008 on classification, labelling and packaging of substances and mixtures, and following amendments.

The information in the hereby document is based on the present state of our knowledge. All the information is indicative, with intent to help users carrying out satisfying safety conditions but must not be considered as a guarantee or quality specifications. The hereby document completes technical instructions but does not replace them. The user is also warned of possible hazards if the product is used for a different purpose than the one initially designed for. The hereby document does not exempt the user of being aware of all the applicable regulations concerning its profession and to apply them. The user will be fully responsible for the precautionary measures undertaken while using the product.

Abbreviations:LD₀ is the maximum amount of product, given at once, which is not lethal to any of the tested animals.LC₅₀: Concentration estimated lethal to 50% of the exposed organisms.EC₅₀: is the concentration estimated to immobilise 50 % of the Daphnids within stated exposure period