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|------------------------|---|
| Commercial Name | EphyStem PID |
| INCI name | Propanediol & Dimethyl isosorbide & Aqua & Caesalpinia sappan (exosomes) extract |

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

1.1 Product identifiers

| | |
|---------------------|--|
| Product form | Liquid |
| Trading name | EphyStem PID |
| Product code | |
| INCI name | Propanediol & Dimethyl Isosorbide & Aqua & Caesalpinia sappan (exosomes) extract |
| CAS number | 504-63-2 & 5306-85-4 & 7732-18-5 & NA |

| | |
|---------------------|---|
| Reach Status | Exempt. A registration number is not available for this substance as the substance or its uses are exempted from registration according to Commission Regulation (EC) N° 987/2008 of 8 october 2008 Amending Regulation (EC) N° 1907/2006 & Amending Regulation (EC) N° 143/2011 of 17 February 2011 of the European Parliament and of the council on the Registration, Evaluation, Authorisation and restriction of chemicals (REACH) as regards Annexes IV and V (Annex V point 7&8). |
|---------------------|---|

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

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|------------------------|----------------------------|
| Identified uses | Anti age active ingredient |
|------------------------|----------------------------|

1.3 Details of the supplier of the safety data sheet

| | |
|-----------------------|--|
| Company | Ephyla SAS 18 PA de l'Estuaire 56190 Arzal France |
| Telephone | +33(0) 2 97 44 61 40 |
| E-mail address | contact@ephyla3.com |

1.4 Emergency telephone number

| | |
|------------------------|----------------------|
| Emergency Phone | +33(0) 2 97 44 61 40 |
|------------------------|----------------------|

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
 This substance is not classified as dangerous according to Directive 67/548/EEC

2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws

2.3 Other hazards

None known

SECTION 3: Composition/information on ingredients

3.1 Substances

| | |
|-------------|--|
| Composition | Propanediol & Dimethyl Isosorbide & Aqua & Caesalpinia sappan (exosomes) extract |
| CAS-NO | 504-63-2 & 5306-85-4 & 7732-18-5 & NA |
| Molar Mass | 76 g/mol & 174 g/mol & 18g/mol & NA |

3.2 Substances, origin, decomposition of the mixture and geographical origin

| INCI | Origin | % | Geographical origin |
|----------------------------|--------|---------|---------------------|
| Propanediol | Plant | 85-95 | World |
| Dimethyl isosorbide | Plant | 3-5 | Europe |
| Aqua | -- | 0.5-2 | France |
| Caesalpinia sappan extract | Plant | 0.8-1.0 | Africa |

SECTION 4 : FIRST AID MEASURES

4.1 Description of first aid measures

| | |
|-------------------------|---|
| If inhaled | Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear. |
| In case of skin contact | Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse. |
| In case of eye contact | Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid. |
| If swallowed | Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Get medical aid if irritation or symptoms occur. |

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious

SECTION 5 : FIREFIGHTING MEASURES

5.1 Extinguishing media

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|------------------------------|---|
| Suitable extinguishing media | Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish |
|------------------------------|---|

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary

SECTION 6 : Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use proper personal protective equipment as indicated in Section 8

6.2 Environmental precautions

No special environmental precautions required

6.3 Methods and materials for containment and cleaning up

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Provide ventilation.

SECTION 7 : Handling and storage

7.1 Precautions for safe handling

Wash thoroughly after handling. Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Wash clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. No special precautions indicated

SECTION 8 : Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice

Personal protective equipment



Eye / face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Skin protection

Handle with gloves. Gloves must be inspected 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.

Respiratory protection

Respiratory protection is not required. NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

SECTION 9 : Physical and chemical properties

9.1 Information on basic physical and chemical properties.

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|----------------------------|--------------------------------------|
| Form | Liquid |
| colour | Orange to Brown |
| Odour | Characteristic |
| pH | $4,5 \leq \text{pH} \leq 6,0$ (20°C) |
| Melt point | NA |
| Initial boiling point | 214 °C (ref Propanediol) |
| Flash point | 129 °C (ref Propanediol) |
| Flammability (NFPA Rating) | NA |
| Solubility | Soluble in water |

SECTION 10 : Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Conditions to avoid

Incompatible materials, ignition sources, excess heat

10.4 Hazardous decomposition products

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 | NA |
| Skin corrosion/irritation | Result: Mild skin irritation - 24 h (ref glycerol) |
| Serious eye damage/eye irritation | Result: Mild skin irritation - 24 h (ref glycerol) |
| Respiratory or skin sensitisation | NA |
| Carcinogenicity | 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. |
| Germ cell mutagenicity | NA |
| Reproductive toxicity | NA |

SECTION 12 : Ecological information

12.1 Toxicity

No data available

SECTION 13 : Disposal considerations

13.1 Waste treatment methods

Offer surplus and non-recyclable solutions to a licensed disposal company

SECTION 14 : Transport information

14.1 UN number

| | |
|-----------------|----|
| UN number (ADR) | NA |
|-----------------|----|

14.2 UN proper shipping name

| | |
|------|---------------------|
| ADR | Not dangerous goods |
| IATA | Not dangerous goods |

14.3 Transport hazard class

| | |
|------|----|
| ADR | NA |
| IATA | NA |

14.4 Packaging group

| | |
|-----|----|
| ADR | NA |
|-----|----|

14.5 Environmental hazards

| | |
|-----------------------|-----|
| ADR/RID | Non |
| IMDG Marine pollutant | Non |

SECTION 15 : regulatory information

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

SECTION 16 : Other information

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.