

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING \*

### 1.1. Product identifier

Product name : LIQUID PEARL AROMATHERAPY CARIBBEAN NIGHTS  
Product code : 755558021785

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

Application : SU21 Consumer product. PC0 Other. Other products for chemical or technical processes.

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

Supplier : inSPAration Europe  
Industrieweg 8b  
5571 LJ Bergeijk, The Netherlands  
Telephone : +31 497 555562  
E-mail : info@insparation.com

### 1.4. Emergency telephone number

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:

NL - Telephone : +31 497 555562 (During office hours only)

## SECTION 2 HAZARDS IDENTIFICATION \*

### 2.1. Classification of the substance or mixture

CLP classification : Not classified as dangerous according to Regulation (EC) No 1272/2008.  
(1272/2008/EC)

Human health hazards : May produce an allergic reaction.  
Physical/chemical hazards : Not classified as dangerous according to statutory EC-Directives.  
Environmental hazards : Not classified as dangerous according to statutory EC-Directives.

### 2.2. Label elements

Label elements (1272/2008/EC):

Hazard pictograms : None.

Signal word : Not applicable.

H- and P-phrases : EUH208 Contains ... May produce an allergic reaction. Reference is made to additional labelling for full text of EUH208\*.

Labelling of packagings where the contents do not exceed 125 ml and it is technically impossible to list all phrases:

Hazard pictograms : None.

Signal word : Not applicable.

H- and P-phrases : EUH208 Contains ... May produce an allergic reaction. Reference is made to additional labelling for full text of EUH208\*.

Additional labelling (for all packaging sizes)

: \* Contains Piperonal ; p-Methoxybenzyl acetate ; 3R-(3 $\alpha$ ,3a $\beta$ ,6 $\alpha$ ,7 $\beta$ ,8a $\alpha$ )]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl acetate . May produce an allergic reaction.

### 2.3. Other hazards

Other information : Does not contain PBT or vPvB substances in concentrations higher than 0,1%. Human health: The mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels of 0.1% or higher. Environment: The mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

| Substance name                                                                          | Concentration (w/w) (%) | CAS nr.  | EC number | Remark | REACH nr.        |
|-----------------------------------------------------------------------------------------|-------------------------|----------|-----------|--------|------------------|
| Propylene glycol                                                                        | > 75                    | 57-55-6  | 200-338-0 | MAC    | 01-2119456809-23 |
| Piperonal                                                                               | 0,1 - < 1               | 120-57-0 | 204-409-7 |        |                  |
| p-Methoxybenzyl acetate                                                                 | 0,1 - < 1               | 104-21-2 | 203-185-8 |        |                  |
| 3R-(3α,3aβ,6α,7β,8aα)]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl acetate | 0,1 - < 0,25            | 77-54-3  | 201-036-1 |        |                  |
| Allyl hexanoate                                                                         | 0,1 - < 1               | 123-68-2 | 204-642-4 |        |                  |

| Substance name                                                                          | Hazard Class                                                   | H-phrases                    | Pictograms   |               |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------|--------------|---------------|
| Propylene glycol                                                                        | -----                                                          | -----                        | -----        |               |
| Piperonal                                                                               | Skin Sens. 1B                                                  | H317                         | GHS07        |               |
| p-Methoxybenzyl acetate                                                                 | Skin Sens. 1B                                                  | H317                         | GHS07        |               |
| 3R-(3α,3aβ,6α,7β,8aα)]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl acetate | Skin Sens. 1B; Aquatic Acute 1; Aquatic Chronic 1              | H317; H400; H410             | GHS07; GHS09 | M (acute) = 1 |
| Allyl hexanoate                                                                         | Acute Tox. 3; Acute Tox. 3; Aquatic Acute 1; Aquatic Chronic 3 | H301; H311; H331; H400; H412 | GHS06; GHS09 | M (acute) = 1 |

Occupational exposure limit(s), if relevant, are listed in section 8.

Reference is made to chapter 16 for full text of each relevant H phrase.

## SECTION 4 FIRST-AID MEASURES

### 4.1. Description of first aid measures

First aid measures

- Inhalation : Move victim into fresh air. Consult a doctor if victim feels unwell.
- Skin contact : Take off contaminated clothing. Wash off skin with plenty of water and soap before product dries up. Consult a doctor if irritation occurs.
- Eye contact : Wash out with (lukewarm) water. Remove contact lenses. Consult a doctor if irritation persists.
- Ingestion : Do not induce vomiting. Do rinse the mouth. Give one glass of water. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell.

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

Effects and symptoms

- Inhalation : May cause headache, dizziness and a feeling of sickness.
- Skin contact : May produce an allergic reaction. May cause dry skin.

Eye contact : May cause stinging of eyes and redness.  
Ingestion : May cause a feeling of sickness, vomiting and diarrhoea.

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

Note to physicians : None known.

### SECTION 5 FIRE-FIGHTING MEASURES

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#### 5.1. Extinguishing media

Extinguishing media

Suitable : Carbondioxide (CO<sub>2</sub>). Alcohol resistant foam. Dry chemical. Water fog.  
Not suitable : Use of heavy stream of water may spread fire.

#### 5.2. Special hazards arising from the substance or mixture

Special exposure hazards : None known.  
Hazardous thermal decomposition products : Carbon monoxide may be evolved if incomplete combustion occurs.

#### 5.3. Advice for firefighters

Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Vapours are heavier than air. Build up (of gasses) in low areas involves risk of suffocation.

#### 6.2. Environmental precautions

Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. In case of large spills: contain with dike.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Wash away remainder with plenty of water and soap.

#### 6.4. Reference to other sections

Reference to other sections : See also section 8.

### SECTION 7 HANDLING AND STORAGE

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#### 7.1. Precautions for safe handling

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Keep away from sources of ignition — No smoking. Do not breathe vapour. Avoid contact with skin and eyes. Avoid splashing. Wear protective clothing.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep in a cool, dry and well-ventilated place. Keep away from oxidizing agents.  
Recommended packaging : Keep only in the original container.

Non recommended packaging : None known.

## 7.3. Specific end use(s)

Use : Use only as directed.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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### 8.1. Control parameters

Occupational exposure limits : Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Workplace exposure limits (mg/m<sup>3</sup>):

| Chemical name    | Country | TWA 8 hour (mg/m <sup>3</sup> ) | STEL 15 min (mg/m <sup>3</sup> ) | Comments                      | Source  |
|------------------|---------|---------------------------------|----------------------------------|-------------------------------|---------|
| Propylene glycol | GB      | 474                             | -                                | Total Vapour and Particulates | MAC: UK |
|                  |         | 474                             |                                  | Total Vapour and Particulates |         |

Derived no-effect level (DNEL) for workers:

| Chemical name                                                                           | Route of exposure | DNEL, short-term |                 | DNEL, long-term      |                         |
|-----------------------------------------------------------------------------------------|-------------------|------------------|-----------------|----------------------|-------------------------|
|                                                                                         |                   | Local effect     | Systemic effect | Local effect         | Systemic effect         |
| Propylene glycol                                                                        | Inhalation        |                  |                 | 10 mg/m <sup>3</sup> | 168 mg/m <sup>3</sup>   |
| Piperonal                                                                               | Inhalation        |                  |                 |                      | 17,6 mg/m <sup>3</sup>  |
|                                                                                         | Dermal            |                  |                 |                      | 2,5 mg/kg bw/day        |
| p-Methoxybenzyl acetate                                                                 | Inhalation        |                  |                 |                      | 2,468 mg/m <sup>3</sup> |
|                                                                                         | Dermal            |                  |                 |                      | 0,7 mg/kg bw/day        |
| 3R-(3α,3aβ,6α,7β,8aα)]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl acetate | Inhalation        |                  |                 |                      | 0.639 mg/m <sup>3</sup> |
|                                                                                         | Dermal            |                  |                 |                      | 0.091 mg/kg bw/day      |
| Allyl hexanoate                                                                         | Inhalation        |                  |                 |                      | 15 mg/m <sup>3</sup>    |
|                                                                                         | Dermal            |                  |                 |                      | 4,3 mg/kg bw/day        |

Derived no-effect level (DNEL) for consumers:

| Chemical name                                                                           | Route of exposure | DNEL, short-term |                 | DNEL, long-term      |                         |
|-----------------------------------------------------------------------------------------|-------------------|------------------|-----------------|----------------------|-------------------------|
|                                                                                         |                   | Local effect     | Systemic effect | Local effect         | Systemic effect         |
| Propylene glycol                                                                        | Inhalation        |                  |                 | 10 mg/m <sup>3</sup> | 50 mg/m <sup>3</sup>    |
| Piperonal                                                                               | Inhalation        |                  |                 |                      | 4,3 mg/m <sup>3</sup>   |
|                                                                                         | Dermal            |                  |                 |                      | 1,25 mg/kg bw/day       |
|                                                                                         | Oral              |                  |                 |                      | 1,25 mg/kg bw/day       |
| p-Methoxybenzyl acetate                                                                 | Inhalation        |                  |                 |                      | 0,37 mg/m <sup>3</sup>  |
|                                                                                         | Dermal            |                  |                 |                      | 0,25 mg/kg bw/day       |
|                                                                                         | Oral              |                  |                 |                      | 0,25 mg/kg bw/day       |
| 3R-(3α,3aβ,6α,7β,8aα)]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl acetate | Dermal            |                  |                 |                      | 0.181 mg/kg bw/day      |
|                                                                                         | Oral              |                  |                 |                      | 0.091 mg/kg bw/day      |
|                                                                                         | Inhalation        |                  |                 |                      | 0.158 mg/m <sup>3</sup> |
| Allyl hexanoate                                                                         | Oral              |                  |                 |                      | 2,1 mg/kg bw/day        |

|  |            |  |  |                       |
|--|------------|--|--|-----------------------|
|  | Inhalation |  |  | 3,7 mg/m <sup>3</sup> |
|  | Dermal     |  |  | 2,1 mg/kg bw/day      |

Predicted no-effect concentration (PNEC):

| Chemical name                                                                          | Route of exposure  | Fresh water   | Marine water   |                  |
|----------------------------------------------------------------------------------------|--------------------|---------------|----------------|------------------|
| Propylene glycol                                                                       | Water              | 260 mg/l      | 26 mg/l        |                  |
|                                                                                        | Sediment           | 572 mg/kg     | 57,2 mg/kg     |                  |
|                                                                                        | Intermittent water |               |                | 183 mg/l         |
|                                                                                        | STP                |               |                | 20000 mg/l       |
|                                                                                        | Soil               |               |                | 50 mg/kg         |
| Piperonal                                                                              | Oral               |               |                | 1133 mg/kg food  |
|                                                                                        | Water              | 0,0025 mg/l   | 0,00025 mg/l   |                  |
|                                                                                        | Sediment           | 0,0119 mg/kg  | 0,0012 mg/kg   |                  |
|                                                                                        | Intermittent water |               |                | 0,025 mg/l       |
|                                                                                        | STP                |               |                | 10 mg/l          |
| p-Methoxybenzyl acetate                                                                | Soil               |               |                | 0,00084 mg/kg    |
|                                                                                        | Water              | 0,013 mg/l    | 0,001 mg/l     |                  |
|                                                                                        | Sediment           | 0,18 mg/kg    | 0,018 mg/kg    |                  |
|                                                                                        | STP                |               |                | 0,2 mg/l         |
|                                                                                        | Soil               |               |                | 0,028 mg/kg      |
| 3R-(3α,3aβ,6α,7β,8α)]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl acetate | Water              | 0 mg/l        | 0 mg/l         |                  |
|                                                                                        | Sediment           | 0.011 mg/kg   | 0.001 mg/kg    |                  |
|                                                                                        | STP                |               |                | 0.003 mg/l       |
|                                                                                        | Soil               |               |                | 0.009 mg/kg      |
|                                                                                        | Water              | 0,000117 mg/l | 0,000011 mg/l  |                  |
| Allyl hexanoate                                                                        | Sediment           | 0,00446 mg/kg | 0,000446 mg/kg |                  |
|                                                                                        | Intermittent water |               |                | 0,00117 mg/l     |
|                                                                                        | STP                |               |                | 10 mg/l          |
|                                                                                        | Soil               |               |                | 0,000825 mg/kg   |
|                                                                                        | Oral               |               |                | 47,56 mg/kg food |

## 8.2. Exposure controls

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.

Hygienic measures : When using do not eat, drink or smoke.

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

Body protection : Use of specific protective industrial clothing is not required under normal conditions of use. In case of large scale exposure wear suitable protective clothing, overalls or suit, and similar boots. Suitable material: nitril. Indication of permeation breakthrough time: 6 hours.

Respiratory protection : Take care of sufficient ventilation. Wear suitable respiratory protection in case of large scale exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140.

Hand protection : Under normal conditions of use specific gloves are not required. Wear appropriate gloves in case of frequent or prolonged use and in case of large scale exposure. Suitable material: nitril. ± 0,5 mm. Indication of permeation breakthrough time: 6 hours.

Eye protection : Wear appropriate safety glasses when there is danger of possible eye contact.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1. Information on basic physical and chemical properties

|                                         |                     |                                          |
|-----------------------------------------|---------------------|------------------------------------------|
| Physical state                          | : Liquid.           |                                          |
| Colour                                  | : Purple.           |                                          |
| Odour                                   | : Perfumed.         |                                          |
| Odour threshold                         | : Not known.        |                                          |
| pH                                      | : 7                 |                                          |
| Solubility in water                     | : Soluble.          |                                          |
| Partition coefficient (n-octanol/water) | : Not known.        | Not measured. Not relevant for mixtures. |
| Flash point                             | : 99 °C             | Closed cup.                              |
| Flammability (solid, gas)               | : Not applicable.   | Liquid. See flashpoint.                  |
| Auto ignition temperature               | : 371 °C            |                                          |
| Boiling point/boiling range             | : 188 °C            |                                          |
| Melting point/melting range             | : -59 °C            |                                          |
| Explosive properties                    | : Not an explosive. |                                          |
| Explosion limits (% in air)             | : 2,6 - 12,6        |                                          |
| Oxidising properties                    | : Not applicable.   | Does not contain oxidizing substances.   |
| Decomposition temperature               | : Not applicable.   |                                          |
| Viscosity (20°C)                        | : 43 mm2/sec        | (1 mm2/sec = 1cSt)                       |
| Viscosity (40°C)                        | : > 20,5 mm2/sec    |                                          |
| Vapour pressure (20°C)                  | : 20 Pa             |                                          |
| Relative vapour density                 | : > 1               | (air = 1)                                |
| Relative density (20°C)                 | : 1,035 g/ml        |                                          |
| Particle characteristics                | : Not applicable.   | Liquid.                                  |

## 9.2. Other information

Other information : Not relevant.

## SECTION 10 STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity : See sub-sections below.

### 10.2. Chemical stability

Stability : Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Reactivity : No other hazardous reactions known.

### 10.4. Conditions to avoid

Conditions to avoid : See section 7.

### 10.5. Incompatible materials

Materials to avoid : Keep away from oxidizing agents.

### 10.6. Hazardous decomposition products

Hazardous decomposition products : Not known.

## SECTION 11 TOXICOLOGICAL INFORMATION

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## 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No toxicological research has been carried out on this product.

### Inhalation

- Acute toxicity : Calculated LC50: > 10 mg/l. Ingredients of unknown toxicity: < 1 %. ATE: > 5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met. May cause headache, dizziness and a feeling of sickness.
- Corrosion/irritation : Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Does not contain substances classified as respiratory sensitiser. Not classified - based on available data, the classification criteria are not met.
- Carcinogenicity : Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

### Skin contact

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 5000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : Slight irritation possible. Not classified - based on available data, the classification criteria are not met.
- Sensitisation : May produce an allergic reaction.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

### Eye contact

- Corrosion/irritation : Slight irritation possible. Not classified - based on available data, the classification criteria are not met.

### Ingestion

- Acute toxicity : Calculated LD50: > 2042 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Aspiration : Not expected to be an aspiration hazard. Contains a substance/substances with an aspiration hazard. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : May cause a feeling of sickness, vomiting and diarrhoea.
- Carcinogenicity : Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.
- Reprotoxicity : Development: Not expected to be reprotoxic. Development: Not classified - Based on available data, the classification criteria are not met. Fertility: not expected to be reprotoxic. Fertility: Not classified - based on available data, the classification criteria are not met.

### Toxicological information:

| Chemical name | Property                     |                   | Method   | Test animal            |
|---------------|------------------------------|-------------------|----------|------------------------|
| Piperonal     | LD50 (dermal)                | > 5000 mg/kg bw   | OECD 402 | Rat                    |
|               | LD50 (oral)                  | 2700 mg/kg bw     | OECD 401 | Rat                    |
|               | NOAEL (oral)                 | 500 mg/kg bw/d    | OECD 408 | Rat                    |
|               | NOEL (carcinogenicity, oral) | 250 mg/kg bw/d    | OECD 453 | Rat                    |
|               | Genotoxicity - in vitro      | Not genotoxic     | OECD 473 | Chinese Hamster        |
|               | Genotoxicity - in vivo       | Not genotoxic     | OECD 478 | Mouse                  |
|               | Skin irritation              | Slightly irritant | -----    | Guinea pig             |
|               | Eye irritation               | Non-irritant      | OECD 405 | Rabbit                 |
|               | NOAEL (fertility, oral)      | 250 mg/kg bw/d    | OECD 478 | Rat                    |
|               | Skin sensitisation           | Sensitizing.      |          | Guinea pig             |
|               | NOAEL (development, oral)    | 250 mg/kg bw/d    | OECD 421 | Rat                    |
|               | Mutagenicity                 | Negative          | OECD 471 | Salmonella typhimurium |

|                                                                                         |                           |                 |          |                        |
|-----------------------------------------------------------------------------------------|---------------------------|-----------------|----------|------------------------|
| p-Methoxybenzyl acetate                                                                 | LD50 (dermal)             | > 2000 mg/kg bw | OECD 402 | Rat                    |
|                                                                                         | NOAEL (oral)              | 400 mg/kg bw/d  | OECD 422 | Rat                    |
|                                                                                         | Mutagenicity              | Negative        | OECD 471 | Salmonella typhimurium |
|                                                                                         | Genotoxicity - in vitro   | Not genotoxic   | OECD 476 | Chinese Hamster        |
|                                                                                         | Skin irritation           | Non-irritant    |          | Human                  |
|                                                                                         | Eye irritation            | Non-irritant    | OECD 405 | Rabbit                 |
|                                                                                         | NOAEL (development, oral) | 400 mg/kg bw/d  | OECD 422 | Rat                    |
|                                                                                         | NOAEL (fertility, oral)   | 100 mg/kg bw/d  | OECD 422 | Rat                    |
|                                                                                         | Skin sensitisation        | Sensitizing.    | OECD 429 | Mouse                  |
|                                                                                         | LD50 (oral)               | > 2000 mg/kg bw | OECD 423 | Rat                    |
|                                                                                         | LD50 (oral)               | 44750 mg/kg bw  | OECD 401 | Rat                    |
|                                                                                         | LC50 (inhalation)         | 12000 mg/m3     |          | -----                  |
|                                                                                         | Mutagenicity              | Negative        | OECD 471 | Salmonella typhimurium |
|                                                                                         | Skin irritation           | Non-irritant    | OECD 439 |                        |
| 3R-(3α,3aβ,6α,7β,8αα)]-octahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl acetate | Eye irritation            | Non-irritant    | OECD 405 | Rabbit                 |
|                                                                                         | LD50 (dermal)             | > 5000 mg/kg bw |          | Rabbit                 |
|                                                                                         | Genotoxicity - in vitro   | Not genotoxic   | OECD 487 |                        |
|                                                                                         |                           |                 |          |                        |

## 11.2. Information on other hazards

Endocrine disrupting properties : The mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other information : Not applicable.

## SECTION 12 ECOLOGICAL INFORMATION

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### 12.1. Toxicity

No ecotoxicological research has been carried out on this product.

Ecotoxicity : Calculated LC50 (fish): 101 mg/l. Calculated EC50 (waterflea): 194 mg/l. Contains 0 % of components with unknown hazards to the aquatic environment. Not classified - based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Persistence – degradability : No specific information known.

### 12.3. Bioaccumulative potential

Bioaccumulative potential : Contains bioaccumulating substances.

### 12.4. Mobility in soil

Mobility : If product enters soil, it will be highly mobile and may contaminate groundwater.

### 12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

### 12.6. Endocrine disrupting properties

Endocrine disrupting properties : The mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels of 0.1% or higher.



**12.7. Other adverse effects**

Other adverse effects : Not applicable.

**SECTION 13 DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

Product residues : Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as chemical waste. Dispose waste to an official chemical waste depot.

Additional warning : None.

Waste water discharge : Do not dispose of into the environment, drains, sewers or water courses.

Local legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

**SECTION 14 TRANSPORT INFORMATION****14.1. UN number or ID number**

UN nr. : None.

**14.2. UN proper shipping name**

Transport name : Not regulated.

**14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards**

ADR/RID/ADN (road/railway/inland waterways)

Class : This product is not classified according to ADR/RID/ADN.

IMDG (sea)

Class : This product is not classified according to IMDG.

Marine pollutant : No

IATA (air)

Class : This product is not classified according to IATA.

**14.6. Special precautions for user**

Other information : Country specific variations may apply.

**14.7. Maritime transport in bulk according to IMO instruments**

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments. Packaged liquids are not considered bulk.

**SECTION 15 REGULATORY INFORMATION**

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

Community regulations : Regulation (EU) No 2020/878 (REACH), Regulation (EC) No 1272/2008 (CLP) and other regulations. Directive 2008/98/EC (waste).

**15.2. Chemical safety assessment**

Chemical safety assessment : Not applicable.

## SECTION 16 OTHER INFORMATION

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### 16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EU) No 2020/878 dated 18 June 2020 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (\*).

List of abbreviations and acronyms that could be (but not necessarily are) used in this safety data sheet:

|           |                                                                                       |
|-----------|---------------------------------------------------------------------------------------|
| ADR       | : European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE       | : Acute Toxicity Estimate                                                             |
| CLP       | : Classification, Labeling & Packaging                                                |
| CMR       | : Carcinogenic, Mutagenic or toxic for Reproduction                                   |
| EEC       | : European Economic Community                                                         |
| GHS       | : Globally Harmonized System of Classification and Labelling of Chemicals             |
| IATA      | : International Air Transport Association                                             |
| IBC code  | : International Bulk Chemical Code                                                    |
| IMDG      | : International Maritime Dangerous Goods Code                                         |
| LD50/LC50 | : Lethal Dose/Concentration for 50% of a population                                   |
| MAC       | : Maximum Allowable Concentration                                                     |
| MARPOL    | : International Convention for the Prevention of Pollution From Ships                 |
| NO(A)EL   | : No Observed (Adverse) Effect Level                                                  |
| OECD      | : Organisation for Economic Co-operation and Development                              |
| PBT       | : Persistent, Bioaccumulative and Toxic                                               |
| PC        | : Chemical product category                                                           |
| PT        | : Product type                                                                        |
| REACH     | : Registration, Evaluation, Authorisation and Restriction of Chemicals                |
| RID       | : Regulations concerning the International Carriage of Dangerous Goods by Rail        |
| STP       | : Sewage Treatment Plant                                                              |
| SU        | : Sector of Use                                                                       |
| TWA/STEL  | : Time-Weighted Average/Short Term Exposure Limit                                     |
| UN        | : United Nations                                                                      |
| UFI       | : Unique formula identifier                                                           |
| VOC       | : Volatile Organic Compounds                                                          |
| vPvB      | : Very Persistent and Very Bioaccumulative                                            |

Key data used to compile the Safety Data Sheet are from, but not limited to, one or more sources of information e.g. toxicological data from material suppliers, CONCAWE, IFRA, CESIO, Regulation EG 1272/2008, etc.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008:

Not classified : Based on test methods, experts judgement, bridging principles and calculation methods.

Full text of hazard classes mentioned in section 3:

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Acute Tox. 3       | : Acute toxicity, category 3.                                |
| Skin Sens. 1/1A/1B | : Skin sensitization, category 1/1A/1B.                      |
| Aquatic Chronic 1  | : Hazardous to the aquatic environment — Chronic category 1. |
| Aquatic Chronic 3  | : Hazardous to the aquatic environment — Chronic category 3. |
| Aquatic Acute 1    | : Hazardous to the aquatic environment — Acute category 1.   |

Full text of H-phrases mentioned in section 3:

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|      |                                                       |
|------|-------------------------------------------------------|
| H301 | Toxic if swallowed.                                   |
| H311 | Toxic in contact with skin.                           |
| H331 | Toxic if inhaled.                                     |
| H317 | May cause an allergic skin reaction.                  |
| H400 | Very toxic to aquatic life.                           |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects.    |

Advice on any training appropriate for workers: none.

Country / Language code : EC / EN

Number format : "," used as decimal separator.

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End of safety data sheet.