

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : INSPARATION SPA BATH TRANQUILITY LIQUID
Product code : 755558001077

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

Application : SU21 Consumer product. PC0 Other. Pool and spa maintenance.

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. Combustible.
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 Linalool ; Alpha-Amylcinnamaldehyde . May produce an allergic reaction.

2.3. Other hazards

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

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. |
|-----------------------|-------------------------|----------|-----------|--------|------------------|
| Propyleneglycol | > 75 | 57-55-6 | 200-338-0 | MAC | 01-2119456809-23 |
| Linalool | 0,1 - < 1 | 78-70-6 | 201-134-4 | | |
| 2-Benzylideneheptanal | 0,1 - < 1 | 122-40-7 | 204-541-5 | | |
| Allyl hexanoate | 0,1 - < 1 | 123-68-2 | 204-642-4 | | |

| Substance name | Hazard Class | H-phrases | Pictograms | |
|-----------------------|--|------------------------------|--------------|---------------|
| Propyleneglycol | ----- | ----- | ----- | |
| Linalool | Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1B | H315; H317; H319 | GHS07 | |
| 2-Benzylideneheptanal | Aquatic Chronic 2; Skin Sens. 1 | H317; H411 | GHS07; GHS09 | |
| Allyl hexanoate | 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

5.1. Extinguishing media

Extinguishing media

Suitable : Carbondioxide (CO₂). Alcohol resistant foam. Dry chemical. Water fog.
Not suitable : None known.

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

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 (< 35 °C). 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

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/m³):

| Chemical name | Country | TWA 8 hour (mg/m ³) | STEL 15 min (mg/m ³) | Comments | Source |
|-----------------|---------|---------------------------------|----------------------------------|-------------------------------|---------|
| Propyleneglycol | GB | 474 | - | Total Vapour and Particulates | MAC: UK |
| Propyleneglycol | | 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 |
| Propyleneglycol | Inhalation | | | 10 mg/m ³ | 168 mg/m ³ |
| Linalool | Inhalation | | 16,5 mg/m ³ | | 2,8 mg/m ³ |
| Allyl hexanoate | Dermal | 3 mg/kg bw | 5 mg/kg bw | 3 mg/kg bw/day | 2,5 mg/kg bw/day |
| | Inhalation | | | | 15 mg/m ³ |
| | 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 |
| Propyleneglycol | Inhalation | | | 10 mg/m ³ | 50 mg/m ³ |
| Linalool | Dermal | 1,5 mg/kg bw | 2,5 mg/kg bw | 15 mg/kg bw/day | 1,25 mg/kg bw/day |
| | Inhalation | | 4,1 mg/m ³ | | 0,7 mg/m ³ |
| Allyl hexanoate | Oral | | 1,2 mg/kg bw | | 0,2 mg/kg bw/day |
| | Oral | | | | 2,1 mg/kg bw/day |
| | Inhalation | | | | 3,7 mg/m ³ |
| | Dermal | | | | 2,1 mg/kg bw/day |

Predicted no-effect concentration (PNEC):

| Chemical name | Route of exposure | Fresh water | Marine water | |
|-----------------|--------------------|---------------|----------------|------------------|
| Propyleneglycol | 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 |
| Linalool | Oral | | | 1133 mg/kg food |
| | Water | 0,2 mg/l | 0,02 mg/l | |
| | Sediment | 2,22 mg/kg | 0,222 mg/kg | |
| | Intermittent water | | | 2 mg/l |
| | STP | | | 10 mg/l |
| Allyl hexanoate | Soil | | | 0,327 mg/kg |
| | Oral | | | 7,8 mg/kg food |
| | Water | 0,000117 mg/l | 0,000011 mg/l | |
| | 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

9.1. Information on basic physical and chemical properties

- Appearance : Liquid.
- Colour : Green.
- 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
- Vapour density (20°C) : > 1 (air = 1)
- Relative density (20°C) : 1,035 g/ml
- Evaporation rate : Not known. (n-butyl acetate = 1) Not relevant. Mixture of liquids and solids.

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

11.1. Information on toxicological effects

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: > 2000 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: > 2026 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 |
|--------------------|---------------------------|-----------------|---------------|------------------------|
| Linalool | NOAEL (development, oral) | 365 mg/kg bw/d | ----- | Rat |
| | Eye irritation | Non-irritant | OECD 405 | Rabbit |
| | Skin sensitisation | 12650 ug/cm2 | OECD 429 | Mouse |
| | Mutagenicity | Negative | OECD 471 | Salmonella typhimurium |
| | NOAEL (fertility, oral) | 500 mg/kg bw/d | | Rat |
| | Skin irritation | Irritant | OECD 404 | Rabbit |
| | NOAEL (dermal) | 250 mg/kg bw/d | OECD 411 | Rat |
| | Genotoxicity - in vivo | Not genotoxic | OECD 475 | Mouse |
| | LD50 (dermal) | 5610 mg/kg bw | ----- | Rabbit |
| | Skin irritation | Mildly irritant | ----- | Human |
| | LD50 (oral) | 2790 mg/kg bw | ----- | Rat |
| | NOAEL (oral) | 117 mg/kg bw/d | ----- | Rat |
| | 2-Benzylideneheptanal | Mutagenicity | Not mutagenic | OECD 471 |
| LD50 (dermal) | | > 2000 mg/kg bw | ----- | Rabbit |
| Skin irritation | | Irritant | ----- | Rabbit |
| Skin sensitisation | | 2942 ug/cm2 | OECD 429 | Mouse |
| LD50 (oral) | | 3730 mg/kg bw | ----- | Rat |
| | Eye irritation | Mildly irritant | ----- | Rabbit |

SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

No ecotoxicological research has been carried out on this product.

Ecotoxicity : Calculated LC50 (fish): 66 mg/l. Calculated EC50 (waterflea): 286 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. Other adverse effects

Other information : 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 into the environment, in drains or in 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

- 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. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- 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

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

- Community regulations : Regulation (EU) No 2015/830 (REACH), Regulation (EC) No 1272/2008 (CLP) and other regulations.

15.2. Chemical safety assessment

- Chemical safety assessment : Not applicable.

SECTION 16 OTHER INFORMATION

16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EU) No 2015/830 dated 28 May 2015 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 |
| 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 Irrit. 2 | : Skin irritation, category 2. |
| Eye Irrit. 2 | : Eye irritation, category 2. |
| Skin Sens. 1/1A/1B | : Skin sensitization, category 1/1A/1B. |
| Aquatic Chronic 2 | : Hazardous to the aquatic environment — Chronic category 2. |
| 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:

| | |
|------|--------------------------------------|
| H301 | Toxic if swallowed. |
| H311 | Toxic in contact with skin. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |

| | |
|------|--|
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H400 | Very toxic to aquatic life. |
| H411 | 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.

Number format : "," used as decimal separator.

End of safety data sheet.