

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 1 of 16

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

1.1. Product identifier

3300 Impregnation Spray

UFI: Q9G4-38XK-N00D-2H33

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

Use of the substance/mixture

Impregnating agent

1.3. Details of the supplier of the safety data sheet

| | | |
|-----------------|-------------------------|-------------------------------|
| Company name: | KERONA GmbH | |
| Street: | Zeilbaumweg 15 | |
| Place: | D-74613 Öhringen | |
| Telephone: | +49 7941-9205 4080 | |
| E-mail: | mail@kerona.de | |
| Contact person: | Isabel Winter | Telephone: +49 7941 9205 4087 |
| E-mail: | isabel.winter@kerona.de | |
| Internet: | www.kerona.de | |

1.4. Emergency telephone number:

Medicines & Poisons Info Office +356 2545 6508

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aerosol 1; H222-H229
Asp. Tox. 1; H304
Eye Irrit. 2; H319
STOT SE 3; H336
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics
propan-2-ol
pentane
Hydrocarbons C6 - isoalkanes <5% n-hexane

Signal word: Danger

Pictograms:



Hazard statements

| | |
|------|--|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H412 | Harmful to aquatic life with long lasting effects. |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 2 of 16

Precautionary statements

- P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P271 Use only outdoors or in a well-ventilated area.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Special labelling of certain mixtures

Operate if possible out of doors or in a well-ventilated place.

Labelling of packages where the contents do not exceed 125 ml**Signal word:** Danger**Pictograms:****Hazard statements**

H222-H229-H336-H412

Precautionary statements

P102-P210-P211-P251-P271-P410+P412

2.3. Other hazards

Caution! Please absolutely note! May cause damage to health by inhalation! Only use outdoors or with good ventilation! Only spray for a few seconds! Large-surface leather and textile articles should only be sprayed outdoors and well ventilated! Keep out of reach of children!

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Impregnating agent

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 3 of 16

Hazardous components

| CAS No | Chemical name | | | Quantity |
|----------|--|--------------|------------------|-------------|
| | EC No | Index No | REACH No | |
| | Classification (Regulation (EC) No 1272/2008) | | | |
| | Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics | | | 15 - < 30 % |
| | 927-241-2 | | 01-2119471843-32 | |
| | Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H336 H304 H412 | | | |
| 67-63-0 | propan-2-ol | | | 15-20 % |
| | 200-661-7 | 603-117-00-0 | | |
| | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 | | | |
| 109-66-0 | pentane | | | 5 - < 15 % |
| | 203-692-4 | 601-006-00-1 | 01-2119459286-30 | |
| | Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411 EUH066 | | | |
| | Hydrocarbons C6 - isoalkanes <5% n-hexane | | | 5 - < 15 % |
| | 931-254-9 | | 01-2119484651-34 | |
| | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411 | | | |
| | Hydrocarbons C6-C7 - isoalkanes - cyclics - <5% n-hexane | | | 1 - < 5 % |
| | 926-605-8 | | 01-2119486291-36 | |
| | Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411 EUH066 | | | |
| 108-21-4 | isopropyl acetate | | | 1 - < 5 % |
| | 203-561-1 | 607-024-00-6 | | |
| | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066 | | | |
| 123-86-4 | n-butyl acetate | | | 0.1 - < 1 % |
| | 204-658-1 | 607-025-00-1 | | |
| | Flam. Liq. 3, STOT SE 3; H226 H336 EUH066 | | | |

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

| CAS No | EC No | Chemical name | Quantity |
|----------|-----------|--|-------------|
| | | Specific Conc. Limits, M-factors and ATE | |
| | 927-241-2 | Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics | 15 - < 30 % |
| | | dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 15000 mg/kg | |
| 67-63-0 | 200-661-7 | propan-2-ol | 15-20 % |
| | | inhalation: LC50 = 30 mg/l (vapours); dermal: LD50 = 13900 mg/kg; oral: LD50 = 4570-5840 mg/kg | |
| 109-66-0 | 203-692-4 | pentane | 5 - < 15 % |
| | | inhalation: LC50 = > 25,3 mg/l (vapours); oral: LD50 = > 5000 mg/kg | |
| | 931-254-9 | Hydrocarbons C6 - isoalkanes <5% n-hexane | 5 - < 15 % |
| | | inhalation: LC50 = 73860 mg/l (vapours) | |
| 108-21-4 | 203-561-1 | isopropyl acetate | 1 - < 5 % |
| | | oral: LD50 = 6750 mg/kg | |
| 123-86-4 | 204-658-1 | n-butyl acetate | 0.1 - < 1 % |
| | | oral: LD50 = 14130 mg/kg | |

SECTION 4: First aid measures

4.1. Description of first aid measures

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 4 of 16

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Never give anything by mouth to an unconscious person or a person with cramps.

After inhalation

Provide fresh air. Put victim at rest, cover with a blanket and keep warm. If unconscious but breathing normally, place in recovery position and seek medical advice.

After contact with skin

Wash with plenty of water. In case of skin irritation, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Get immediate medical advice/attention.

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

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂), Dry extinguishing powder, Foam.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Pressurised container: May burst if heated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Remove all sources of ignition. Provide adequate ventilation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas. Keep away from sources of ignition - No smoking. Flammable vapours can

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 5 of 16

accumulate in head space of closed systems. Caution! Transport usually takes place at temperatures above the flash point.

Advice on protection against fire and explosion

Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

Hints on joint storage

Do not store together with: Material, oxygen-rich, Oxidising, Pyrophoric or self-heating substances.

Further information on storage conditions

Keep away from heat.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational exposure limit values**

| CAS No | Name of agent | ppm | mg/m ³ | fib/cm ³ | Category | Origin |
|----------|----------------|------|-------------------|---------------------|---------------|--------|
| 123-86-4 | n-Butylacetate | 50 | 241 | | TWA (8 h) | EU |
| | | 150 | 723 | | STEL (15 min) | EU |
| 109-66-0 | Pentane | 1000 | 3000 | | TWA (8 h) | |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 6 of 16

DNEL/DMEL values

| CAS No | Name of agent | | | |
|--------------------------|--|----------------|----------|--------------------|
| DNEL type | | Exposure route | Effect | Value |
| | Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics | | | |
| Consumer DNEL, long-term | | oral | systemic | 46 mg/kg bw/day |
| Worker DNEL, long-term | | dermal | systemic | 77 mg/kg bw/day |
| Consumer DNEL, long-term | | dermal | systemic | 46 mg/kg bw/day |
| Worker DNEL, long-term | | inhalation | systemic | 871 mg/m³ |
| Consumer DNEL, long-term | | inhalation | systemic | 185 mg/m³ |
| 67-63-0 | propan-2-ol | | | |
| Worker DNEL, long-term | | inhalation | systemic | 500 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 888 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 89 mg/m³ |
| Consumer DNEL, long-term | | dermal | systemic | 319 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 26 mg/kg bw/day |
| 109-66-0 | pentane | | | |
| Worker DNEL, long-term | | inhalation | systemic | 3000 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 432 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 643 mg/m³ |
| Consumer DNEL, long-term | | dermal | systemic | 214 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 214 mg/kg bw/day |
| | Hydrocarbons C6 - isoalkanes <5% n-hexane | | | |
| Worker DNEL, long-term | | inhalation | systemic | 5306 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 13964 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 1131 mg/m³ |
| Consumer DNEL, long-term | | dermal | systemic | 1377 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 1301 mg/kg bw/day |
| 108-21-4 | isopropyl acetate | | | |
| Worker DNEL, long-term | | inhalation | systemic | 275 mg/m³ |
| Worker DNEL, acute | | inhalation | systemic | 558 mg/m³ |
| Worker DNEL, long-term | | inhalation | local | 227 mg/m³ |
| Worker DNEL, long-term | | dermal | systemic | 27 mg/kg bw/day |
| Consumer DNEL, long-term | | inhalation | systemic | 168 mg/m³ |
| Consumer DNEL, acute | | inhalation | systemic | 335 mg/m³ |
| Consumer DNEL, long-term | | inhalation | local | 136 mg/m³ |
| Consumer DNEL, long-term | | dermal | systemic | 16 mg/kg bw/day |
| Consumer DNEL, long-term | | oral | systemic | 16 mg/kg bw/day |
| 123-86-4 | n-butyl acetate | | | |
| Worker DNEL, long-term | | inhalation | systemic | 300 mg/m³ |
| Worker DNEL, acute | | inhalation | systemic | 600 mg/m³ |
| Worker DNEL, long-term | | inhalation | local | 300 mg/m³ |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 7 of 16

| | | | |
|--------------------------|------------|----------|------------------------|
| Worker DNEL, acute | inhalation | local | 600 mg/m ³ |
| Worker DNEL, long-term | dermal | systemic | 11 mg/kg bw/day |
| Worker DNEL, acute | dermal | systemic | 11 mg/kg bw/day |
| Consumer DNEL, long-term | inhalation | systemic | 35,7 mg/m ³ |
| Consumer DNEL, acute | inhalation | systemic | 300 mg/m ³ |
| Consumer DNEL, long-term | inhalation | local | 35,7 mg/m ³ |
| Consumer DNEL, acute | inhalation | local | 300 mg/m ³ |
| Consumer DNEL, long-term | dermal | systemic | 6 mg/kg bw/day |
| Consumer DNEL, acute | dermal | systemic | 6 mg/kg bw/day |
| Consumer DNEL, long-term | oral | systemic | 2 mg/kg bw/day |
| Consumer DNEL, acute | oral | systemic | 2 mg/kg bw/day |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 8 of 16

PNEC values

| CAS No | Name of agent | |
|--|-------------------|-------------|
| Environmental compartment | | Value |
| 67-63-0 | propan-2-ol | |
| Freshwater | | 140,9 mg/l |
| Freshwater (intermittent releases) | | 140,9 mg/l |
| Marine water | | 140,9 mg/l |
| Freshwater sediment | | 552 mg/kg |
| Marine sediment | | 552 mg/kg |
| Secondary poisoning | | 160 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 2251 mg/l |
| Soil | | 28 mg/kg |
| 109-66-0 | pentane | |
| Freshwater | | 0,23 mg/l |
| Freshwater (intermittent releases) | | 0,88 mg/l |
| Marine water | | 0,23 mg/l |
| Freshwater sediment | | 1,2 mg/kg |
| Marine sediment | | 1,2 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 3,6 mg/l |
| Soil | | 0,55 mg/kg |
| 108-21-4 | isopropyl acetate | |
| Freshwater | | 0,22 mg/l |
| Freshwater (intermittent releases) | | 1,1 mg/l |
| Marine water | | 0,022 mg/l |
| Freshwater sediment | | 1,25 mg/kg |
| Marine sediment | | 0,125 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 190 mg/l |
| Soil | | 0,35 mg/kg |
| 123-86-4 | n-butyl acetate | |
| Freshwater | | 0,18 mg/l |
| Freshwater (intermittent releases) | | 0,36 mg/l |
| Marine water | | 0,018 mg/l |
| Freshwater sediment | | 0,981 mg/kg |
| Marine sediment | | 0,098 mg/kg |
| Micro-organisms in sewage treatment plants (STP) | | 35,6 mg/l |
| Soil | | 0,09 mg/kg |

8.2. Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Use appropriate respiratory protection. Combination filtering device Particle filter device (EN 143)

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection: goggles

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 9 of 16

Hand protection

Tested protective gloves must be worn.
Suitable material:
Thickness of the glove material > 0,4mm
> 480 min.
EN ISO 374

Skin protection

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500. Avoid contact with skin, eyes and clothes.

Respiratory protection

Use appropriate respiratory protection.

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|----------------|
| Physical state: | Aerosol |
| Colour: | colourless |
| Odour: | characteristic |

Test method

| | |
|---|---|
| Melting point/freezing point: | not applicable |
| Boiling point or initial boiling point and boiling range: | -11,7 °C |
| Lower explosion limits: | 0,6 vol. % |
| Upper explosion limits: | 12 vol. % |
| Flash point: | -40 °C |
| Auto-ignition temperature: | 240 °C |
| Viscosity / kinematic: | < 7 mm ² /s / 40°C (liquid) mm ² /s |
| Water solubility: | 0 g/L |
| Vapour pressure: | 2-4 bar hPa |
| (at 20 °C) | |
| Density (at 20 °C): | 0,6775 g/cm ³ |
| Bulk density: | No data available |

9.2. Other information

Information with regard to physical hazard classes

Oxidizing properties
No data available

Other safety characteristics

| | | |
|--------------------------|-------------------|--------------|
| Solvent separation test: | No data available | ASTM D 97-66 |
| Pour point: | | |
| Viscosity / dynamic: | No data available | |
| Flow time: | No data available | |

Further Information

none

SECTION 10: Stability and reactivity

10.1. Reactivity

Special hazards arising from the substance or mixture. There are no data available on the mixture itself.

10.2. Chemical stability

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 10 of 16

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Pressurised container: May burst if heated. This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

10.6. Hazardous decomposition products

Pyrolysis products, containing fluorine

SECTION 11: Toxicological information

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

Toxicokinetics, metabolism and distribution

No data available

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

| CAS No | Chemical name | | | | |
|----------|--|----------------------|---------|--|--|
| | Exposure route | Dose | Species | Source | Method |
| | Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics | | | | |
| | oral | LD50 > 15000 mg/kg | Rat | Study report (1977) | OECD Guideline 401 |
| | dermal | LD50 > 5000 mg/kg | Rabbit | Study report (1993) | OECD Guideline 402 |
| 67-63-0 | propan-2-ol | | | | |
| | oral | LD50 4570-5840 mg/kg | Rat | Pre-supplier/manufacturer | OECD 401 |
| | dermal | LD50 13900 mg/kg | Rabbit | Pre-supplier/manufacturer | OECD 402 |
| | inhalation (4 h) vapour | LC50 30 mg/l | Rat | Pre-supplier/manufacturer | |
| 109-66-0 | pentane | | | | |
| | oral | LD50 > 5000 mg/kg | Rat | Study report (1982) | OECD Guideline 423 |
| | inhalation (4 h) vapour | LC50 > 25,3 mg/l | Rat | Secondary source (1993) | OECD Guideline 403 |
| | Hydrocarbons C6 - isoalkanes <5% n-hexane | | | | |
| | inhalation (4 h) vapour | LC50 73860 mg/l | Rat | Industrial Medicine, Vol. 39, No. 5, May | OECD Guideline 403 |
| 108-21-4 | isopropyl acetate | | | | |
| | oral | LD50 6750 mg/kg | Rat | AMA Archives of Industrial Hygiene and O | Study preceded guidelines. Principles of |
| 123-86-4 | n-butyl acetate | | | | |
| | oral | LD50 14130 mg/kg | Rat | Publication (1954) | acute oral toxicity test |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 11 of 16

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness. (Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics; propan-2-ol)

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

Specific effects in experiment on an animal

No data available

Additional information on tests

No data available

Practical experience

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information**12.1. Toxicity**

Harmful to aquatic organisms.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 12 of 16

| CAS No | Chemical name | | | | | |
|----------|---|---------------|-----------|---------|---------------------------------|--|
| | Aquatic toxicity | Dose | [h] [d] | Species | Source | Method |
| 67-63-0 | propan-2-ol | | | | | |
| | Acute fish toxicity | LC50 mg/l | 10000 | 96 h | Pimephales promelas | Publication (1983) OECD Guideline 203 |
| | Hydrocarbons C6 - isoalkanes <5% n-hexane | | | | | |
| | Acute fish toxicity | LL50 mg/l | 18,27 | 96 h | Oncorhynchus mykiss | CONCAWE, Brussels, Belgium (2009) The aquatic toxicity was estimated by a |
| | Acute algae toxicity | ErC50 mg/l | 13,56 | 72 h | Pseudokirchneriella subcapitata | CONCAWE, Brussels, Belgium (2009) The aquatic toxicity was estimated by a |
| | Acute crustacea toxicity | EL50 mg/l | 31,9 | 48 h | Daphnia magna | CONCAWE, Brussels, Belgium (2009) The aquatic toxicity was estimated by a |
| | Fish toxicity | NOEC mg/l | 4,089 | 28 d | Oncorhynchus mykiss | CONCAWE, Brussels, Belgium (2009) The aquatic toxicity was estimated by a |
| | Crustacea toxicity | NOEC mg/l | 7,138 | 21 d | Daphnia magna | CONCAWE, Brussels, Belgium (2009) The aquatic toxicity was estimated by a |
| 108-21-4 | isopropyl acetate | | | | | |
| | Acute algae toxicity | ErC50 | 370 mg/l | 72 h | Pseudokirchneriella subcapitata | REACH Registration Dossier OECD Guideline 201 |
| | Acute crustacea toxicity | EC50 mg/l | > 1000 | 48 h | Daphnia magna | Study report (1987) other: Methods for the Acute Toxicity Te |
| 123-86-4 | n-butyl acetate | | | | | |
| | Acute fish toxicity | LC50 | 18 mg/l | 96 h | Pimephales promelas | Publication (1984) OECD Guideline 203 |
| | Acute crustacea toxicity | EC50 | 44 mg/l | 48 h | Daphnia sp. | Publication (1959) OECD Guideline 202 |
| | Crustacea toxicity | NOEC mg/l | 23,2 | 21 d | Daphnia magna | Study report (2000) OECD Guideline 211 |

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

Partition coefficient n-octanol/water

| CAS No | Chemical name | Log Pow |
|----------|---|---------|
| 67-63-0 | propan-2-ol | 0,05 |
| 109-66-0 | pentane | 3,45 |
| | Hydrocarbons C6 - isoalkanes <5% n-hexane | 3,6 |
| 108-21-4 | isopropyl acetate | 1,03 |
| 123-86-4 | n-butyl acetate | 200 |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 13 of 16

BCF

| CAS No | Chemical name | BCF | Species | Source |
|----------|--|---------|---------------------|----------------------|
| | Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics | 144,3 | calculated | Other company data (|
| 109-66-0 | pentane | 171 | Pimephales promelas | QSAR in Environmenta |
| | Hydrocarbons C6 - isoalkanes <5% n-hexane | 501,187 | Pimephales promelas | QSAR in Environmenta |

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

No data available

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available

Further information

Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

List of Wastes Code - used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

| | |
|--|----------|
| 14.1. UN number or ID number: | UN 1950 |
| 14.2. UN proper shipping name: | AEROSOLS |
| 14.3. Transport hazard class(es): | 2 |
| 14.4. Packing group: | - |
| Hazard label: | 2.1 |

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 14 of 16



Classification code: 5F
Special Provisions: 190 327 344 625
Limited quantity: 1 L
Excepted quantity: E0
Transport category: 2
Tunnel restriction code: D

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
Hazard label: 2.1



Classification code: 5F
Special Provisions: 190 327 344 625
Limited quantity: 1 L
Excepted quantity: E0

Marine transport (IMDG)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2.1
14.4. Packing group: -
Hazard label: 2.1



Special Provisions: 63, 190, 277, 327, 344, 959
Limited quantity: 1000 mL
Excepted quantity: E0
EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2.1
14.4. Packing group: -
Hazard label: 2.1



Special Provisions: A145 A167 A802
Limited quantity Passenger: 30 kg G
Passenger LQ: Y203
Excepted quantity: E0
IATA-packing instructions - Passenger: 203
IATA-max. quantity - Passenger: 75 kg
IATA-packing instructions - Cargo: 203

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 15 of 16

IATA-max. quantity - Cargo:

150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 28, Entry 40, Entry 75

2010/75/EU (VOC): 99,5%; 674,1 g/l

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

Aerosol: Aerosols

Flam. Liq: Flammable liquid

Asp. Tox: Aspiration hazard

Skin Irrit: Skin irritation

Eye Irrit: Eye irritation

STOT SE: Specific target organ toxicity - single exposure

Aquatic Chronic: Chronic aquatic hazard

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

| Classification | Classification procedure |
|-------------------------|-------------------------------|
| Aerosol 1; H222-H229 | On basis of test data |
| Asp. Tox. 1; H304 | Calculation method |
| Eye Irrit. 2; H319 | Bridging principle "Aerosols" |
| STOT SE 3; H336 | Bridging principle "Aerosols" |
| Aquatic Chronic 3; H412 | Calculation method |

Relevant H and EUH statements (number and full text)

| | |
|--------|---|
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

Further Information

The above information describes exclusively the safety requirements of the product and is based on our

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3300 Impregnation Spray

Revision date: 01.02.2023

Product code: 91169

Page 16 of 16

present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Identified uses

| No | Short title | LCS | SU | PC | PROC | ERC | AC | TF | Specification |
|----|------------------|-----|----|----|------|-----|----|----|---------------|
| 1 | Surface modifier | - | - | 14 | - | - | - | - | 3 |

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)