

Trade name: Jet 5**Product no.:** SY 042 C1255 IRE**Current version :** 1.2.0, issued: 14.02.2022**Replaced version:** 1.1.2, issued: 09.03.2021**Region:** IE**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****Jet 5****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

Plant protection product

Disinfectant

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet**Address**

Certis Europe B.V. - United Kingdom

Suite 5, 3 Riverside

Granta Park - Great Abington

Cambridgeshire CB21 6AD

United Kingdom

Telephone no. +44 (0) 1223 894 261

Fax no. +44 (0)1223 891210

e-mail info@certiseurope.co.uk - www.certiseurope.co.uk

Advice on Safety Data Sheet

certis@certiseurope.co.uk

1.4 Emergency telephone number

For further advice for medical professionals:

Dublin – National Poisons Information Centre, Beaumont Hospital, Dublin 9:

Available from 8 am to 10pm – 7 days: +353 (01) 809 2166

Available 24hrs: +353(01)809 2566

Carechem 24 GB: +44 870 190 6777

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Acute Tox. 4; H302

Acute Tox. 4; H312

Acute Tox. 4; H332

Aquatic Chronic 1; H410

Eye Dam. 1; H318

Met. Corr. 1; H290

Ox. Liq. 2; H272

Skin Corr. 1B; H314

STOT SE 3; H335

Classification information

Classification and labelling are based on toxicological studies performed on the product (mixture).

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)**

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GHS03



GHS05



GHS07



GHS09

Signal word

Danger

Hazardous component(s) to be indicated on label:

peracetic acid . . . %

Hazard statement(s)

H272 May intensify fire; oxidiser.
 H290 May be corrosive to metals.
 H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled
 H314 Causes severe skin burns and eye damage.
 H335 May cause respiratory irritation.
 H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P220 Keep away from clothing and other combustible materials.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P310 Immediately call a POISON CENTER/doctor.
 P370+P378 In case of fire: Use water spray to extinguish.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P391 Collect spillage.

2.3 Other hazards

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Chemical characterization**

Hydrogen peroxide + peracetic acid 210 + 55 g/l (SL)

Hazardous ingredients

| No | Substance name | Additional information | |
|----|--|---|------------------------|
| | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP) | Concentration % |
| 1 | hydrogen peroxide solution | | |
| | 7722-84-1 231-765-0 008-003-00-9 01-2119485845-22 | Acute Tox. 4; H302 Acute Tox. 4; H332 Ox. Liq. 1; H271 Skin Corr. 1A; H314 Aquatic Chronic 3; H412 Eye Dam. 1; H318 STOT SE 3; H335 | >= 20,00 - < 25,00 wt% |
| 2 | Acetic acid | | |

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| | | | | |
|---|---|---|-----------------------------------|-----|
| | 64-19-7 200-580-7 607-002-00-6 - | Flam. Liq. 3; H226 Skin Corr. 1A; H314 Eye Dam. 1; H318 | >= 5,00 - < 10,00 | wt% |
| 3 | peracetic acid . . . % | | pls. refer to footnote (1) | |
| | 79-21-0 201-186-8 607-094-00-8 - | Acute Tox. 4*; H302 Acute Tox. 4; H312 Acute Tox. 4*; H332 Flam. Liq. 3; H226 Org. Perox. D; H242 Skin Corr. 1A; H314 Eye Dam. 1; H318 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 | >= 5,00 - < 10,00 | wt% |
| 4 | Alcohols, C9-11, ethoxylated | | | |
| | 68439-46-3 - - - | Acute Tox. 4; H302 Eye Dam. 1; H318 | >= 1,00 - < 3,00 | wt% |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(*, ** ***, ****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

(1) Aberrant from/in addition to the classification set out in Annex VI, this substance is classified according to European Regulation (EC) No 1272/2008 (CLP), Article 4 (3), paragraph 2.

| No | Note | Specific concentration limits | M-factor (acute) | M-factor (chronic) |
|----|------|---|------------------|--------------------|
| 1 | B | Eye Irrit. 2; H319: C >= 5% Eye Dam. 1; H318: C >= 8% Skin Irrit. 2; H315: C >= 35% STOT SE 3; H335: C >= 35% Skin Corr. 1B; H314: C >= 50% Ox. Liq. 2; H272: C >= 50% Aquatic Chronic 3; H412: C >= 63% Ox. Liq. 1; H271: C >= 70% Skin Corr. 1A; H314: C >= 70% | - | - |
| 2 | B | Skin Irrit. 2; H315: C >= 10% Eye Irrit. 2; H319: C >= 10% Skin Corr. 1B; H314: C >= 25% Eye Dam. 1; H318: C >= 25% Eye Dam. 1; H318: C >= 90% Skin Corr. 1A; H314: C >= 90% | - | - |
| 3 | - | STOT SE 3; H335: C >= 1% | M = 1 | M = 10 |

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

| Acute toxicity estimate (ATE) values | | | |
|--------------------------------------|------------------------|------------------------|------------|
| No | oral | dermal | inhalative |
| 1 | 693,7 mg/kg bodyweight | | |
| 3 | 652 mg/kg bodyweight | 1,957 mg/kg bodyweight | |

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

If medical advice is needed, have product container or label at hand.

After inhalation

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

After skin contact

Take off immediately all contaminated clothing. If the clothing sticks to the skin: first rinse the clothing and skin with

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plenty of water and only then take them off. Wash with plenty of water and soap for at least 15 minutes. If possible, wear protective gloves when administering first aid. Avoid contact with contaminated clothing and shoes. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. If possible, wear protective gloves when administering first aid. Avoid contact with contaminated clothing and shoes.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse AWAY from the unaffected eye. Immediately call a POISON CENTER or doctor/physician.

After ingestion

Rinse mouth. Do NOT induce vomiting. If possible, wear protective gloves when administering first aid. Avoid direct contact with contaminated clothing, shoes and vomit. Immediately call the emergency number 112

4.2 Most important symptoms and effects, both acute and delayed**Symptoms**

blindness; Pneumonitis; Pulmonary edema; Nosebleeds; chronic bronchitis

Effects

Perforation possible for esophagus and stomach after swallowing.

4.3 Indication of any immediate medical attention and special treatment needed

Take victim immediately to hospital. Immediate medical attention is required. Consult with an ophthalmologist immediately in all cases. Burns must be treated by a physician. If swallowed: Avoid gastric lavage (risk of perforation). Keep under medical supervision for at least 48 hours.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Alcohol-resistant foam; Carbon dioxide; Extinguishing powder; Water spray jet

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO); chlorine compounds; Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Wear protective clothing.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge uncontrolled into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). When collected, handle material as described under the section heading "Disposal considerations".

6.4 Reference to other sections

Information regarding waste disposal, see section 13. Information regarding personal protective measures, see section 8. Information regarding safe handling, see section 7.

SECTION 7: Handling and storage

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No special measures necessary if stored and handled as prescribed. Provide good ventilation at the work area (local exhaust ventilation, if necessary). The product should only be used in areas from which all naked lights and other sources of ignition have been excluded.

General protective and hygiene measures

Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not eat, drink or smoke during work time. Remove soiled or soaked clothing immediately. Do not inhale vapours. Have emergency shower available. Provide eye wash fountain in work area.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition.

7.2 Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Keep from freezing. Protect from heat and direct sunlight. Prevent unauthorised access.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Keep only in the original container. Protect from heat and direct sunlight.

Incompatible products

Do not store together with foodstuffs. Do not store together with: organic materials

7.3 Specific end use(s)**Industry solution**

Always read the label and product information before use.

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

| No | Substance name | CAS no. | EC no. |
|--|---|-----------|--------------------------|
| 1 | hydrogen peroxide solution | 7722-84-1 | 231-765-0 |
| List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice) | | | |
| Hydrogen peroxide | | | |
| | WEL short-term (15 min reference period) | 3 | mg/m ³ 2 ppm |
| | WEL long-term (8-hr TWA reference period) | 1,5 | mg/m ³ 1 ppm |
| 2 | Acetic acid | 64-19-7 | 200-580-7 |
| 2017/164/EU | | | |
| Acetic acid | | | |
| | WEL short-term (15 min reference period) | 50 | mg/m ³ 20 ppm |
| | WEL long-term (8-hr TWA reference period) | 25 | mg/m ³ 10 ppm |
| List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice) | | | |
| Acetic acid | | | |
| | WEL short-term (15 min reference period) | 50 | mg/m ³ 20 ppm |
| | WEL long-term (8-hr TWA reference period) | 25 | mg/m ³ 10 ppm |
| | Comments | IOELV | |
| 3 | peracetic acid . . . % | 79-21-0 | 201-186-8 |
| List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice) | | | |
| Peracetic acid | | | |
| | WEL short-term (15 min reference period) | | 0,4 (IFV) ppm |

DNEL, DMEL and PNEC values**DNEL values (worker)**

| No | Substance name | CAS / EC no | | |
|----|----------------------------|---------------|--------|-------|
| | Route of exposure | Exposure time | Effect | Value |
| 1 | hydrogen peroxide solution | 7722-84-1 | | |

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| | | | | |
|------------|---------------------|-------|-----|-------------------|
| | | | | 231-765-0 |
| inhalative | Short term (acut) | local | 3 | mg/m ³ |
| inhalative | Long term (chronic) | local | 1,4 | mg/m ³ |

DNEL value (consumer)

| No | Substance name | | | CAS / EC no |
|----|----------------------------|---------------------|--------|--------------------------------------|
| | Route of exposure | Exposure time | Effect | Value |
| 1 | hydrogen peroxide solution | | | 7722-84-1 231-765-0 |
| | inhalative | Short term (acut) | local | 1,93 mg/m ³ |
| | inhalative | Long term (chronic) | local | 0,21 mg/m ³ |

PNEC values

| No | Substance name | | | CAS / EC no |
|----|----------------------------|----------------------|--------|--------------------------------------|
| | ecological compartment | Type | Value | |
| 1 | hydrogen peroxide solution | | | 7722-84-1 231-765-0 |
| | water | fresh water | 0,0126 | mg/L |
| | water | marine water | 0,0126 | mg/L |
| | water | fresh water sediment | 0,047 | mg/kg dry weight |
| | water | Aqua intermittent | 1,38 | mg/L |
| | soil | - | 0,0019 | mg/kg moist mass |
| | soil | - | 0,0023 | mg/kg dry weight |
| | sewage treatment plant | - | 4,66 | mg/L |

8.2 Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, local exhaust at the work station if necessary.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Respiratory protection with steam filter (EN 141)

Respiratory filter (gas) : ABEK-P2

Eye / face protection

Safety glasses (EN 166); If splashes are likely to occur, wear: Tightly fitting safety goggles. Face-shield.

Hand protection

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

| | | | |
|----------------------|--------------|-----|----|
| Appropriate Material | butyl rubber | | |
| Material thickness | | 0,4 | mm |
| Breakthrough time | >= | 480 | mm |

Other

Chemical-resistant work clothes. Rubber boots. (EN 13832-3/EN ISO 20345); Hygiene measures: Ensure that eyewash stations and safety showers are close to the workstation location.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| |
|-----------------------------|
| State of aggregation |
| liquid |

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| | | | |
|--|---|-----|-----|
| Form/Colour | | | |
| liquid | | | |
| colourless | | | |
| Odour | | | |
| acid | | | |
| pH value | | | |
| Value | < | 2,0 | |
| Boiling point / boiling range | | | |
| Value | | 105 | °C |
| Melting point/freezing point | | | |
| Value | appr. | -42 | °C |
| Method | Calculation method | | |
| Decomposition temperature | | | |
| Value | >= | 60 | °C |
| Comments | Temperature of self-accelerating decomposition (SADT) | | |
| Flash point | | | |
| Method | closed cup | | |
| Ignition temperature | | | |
| No data available | | | |
| Oxidising properties | | | |
| Ox. Liq. 2 | | | |
| Oxidizing agents | | | |
| Explosive properties | | | |
| The product does not have explosive properties. | | | |
| Flammability | | | |
| No data available | | | |
| Lower explosion limit | | | |
| No data available | | | |
| Upper explosion limit | | | |
| No data available | | | |
| Vapour pressure | | | |
| Value | appr. | 32 | hPa |
| Reference temperature | | 25 | °C |
| Method | calculated | | |
| Relative vapour density | | | |
| No data available | | | |
| Relative density | | | |
| Value | | 1,1 | |
| Density | | | |
| No data available | | | |
| Solubility in water | | | |
| Source | Manufacturer | | |
| Comments | Completely miscible | | |
| Solubility | | | |
| No data available | | | |
| Soluble in | | | |
| aromatic solvents; organic solvents | | | |
| Partition coefficient n-octanol/water (log value) | | | |

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| No | Substance name | CAS no. | EC no. |
|----|----------------------------|-----------|-----------|
| 1 | hydrogen peroxide solution | 7722-84-1 | 231-765-0 |
| | log Pow | | -1,57 |
| | Source | ECHA | |

Viscosity

No data available

Particle characteristics

No data available

9.2 Other information**Other information**

Corrosive to metals

SECTION 10: Stability and reactivity**10.1 Reactivity**

Decomposition on heating. Heating may cause a fire. Potential for Exothermic hazard.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Possibility of explosion when heated in confinement.

10.4 Conditions to avoid

Do not overheat to avoid thermal decomposition.

10.5 Incompatible materials

Oxidizing agents; Metals; Reducing agents; Bases; Acids; organic materials; combustible materials

10.6 Hazardous decomposition products

Oxygen

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

| Acute oral toxicity | | | |
|---------------------|--------------|--|-------|
| No | Product Name | | |
| 1 | Jet 5 | | |
| | LD50 | 1922 | mg/kg |
| | Species | rat | |
| | Source | Manufacturer | |
| | Comments | Analogous to a product with a similar composition. | |

| Acute dermal toxicity (result of the ATE calculation for the mixture) | | | |
|---|--------------|--|-------|
| No | Product Name | | |
| 1 | Jet 5 | | |
| | | | mg/kg |

| Acute dermal toxicity | | | |
|-----------------------|--------------|--|-------|
| No | Product Name | | |
| 1 | Jet 5 | | |
| | LD50 | 1147 | mg/kg |
| | Species | rabbit | |
| | Source | Manufacturer | |
| | Comments | Analogous to product with a similar composition. | |

| Acute inhalational toxicity | | | |
|-----------------------------|--------------|---|------|
| No | Product Name | | |
| 1 | Jet 5 | | |
| | LC50 | 4 | mg/l |

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| | | |
|----------------------|-----------|---|
| Duration of exposure | 4 | h |
| State of aggregation | Dust/mist | |
| Species | rat | |

Skin corrosion/irritation**No** | **Product Name****1** | **Jet 5**

| | |
|------------|--------------|
| Species | rabbit |
| Source | Manufacturer |
| Evaluation | corrosive |

Serious eye damage/irritation**No** | **Product Name****1** | **Jet 5**

| | |
|------------|--------------|
| Species | rabbit |
| Source | Manufacturer |
| Evaluation | corrosive |

Respiratory or skin sensitisation**No** | **Product Name****1** | **Jet 5**

| | |
|-------------------|-----------------|
| Route of exposure | Skin |
| Species | guinea pig |
| Source | Manufacturer |
| Evaluation | non-sensitizing |

Germ cell mutagenicity**No** | **Product Name****1** | **Jet 5**

| | |
|---------------------------|---|
| Source | Manufacturer |
| Evaluation/classification | Based on available data, the classification criteria are not met. |

Reproduction toxicity**No** | **Product Name****1** | **Jet 5**

| | |
|---------------------------|---|
| Source | Manufacturer |
| Evaluation/classification | Based on available data, the classification criteria are not met. |

Carcinogenicity

| No | Substance name | CAS no. | EC no. |
|----|----------------------------|-----------|-----------|
| 1 | hydrogen peroxide solution | 7722-84-1 | 231-765-0 |

| | |
|---------------------------|---|
| Source | ECHA |
| Evaluation/classification | Based on available data, the classification criteria are not met. |

STOT - single exposure**No** | **Product Name****1** | **Jet 5**

| | |
|---------------------------|---|
| Source | Manufacturer |
| Evaluation/classification | Based on available data, the classification criteria are met. |

STOT - repeated exposure**No** | **Product Name****1** | **Jet 5**

| | |
|---------------------------|---|
| Source | Manufacturer |
| Evaluation/classification | Based on available data, the classification criteria are not met. |

Aspiration hazard

No data available

11.2 Information on other hazards**Endocrine disrupting properties**

No data available.

Other information

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No data available.

SECTION 12: Ecological information**12.1 Toxicity**

| Toxicity to fish (acute) | | | |
|---------------------------------|----------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | hydrogen peroxide solution | 7722-84-1 | 231-765-0 |
| LC50 | | 16,4 | mg/l |
| Duration of exposure | | 96 | h |
| Species | Pimephales promelas | | |
| Method | EPA | | |
| Source | ECHA | | |
| 2 | peracetic acid . . . % | 79-21-0 | 201-186-8 |
| LC50 | | 1,1 | mg/l |
| Duration of exposure | | 96 | h |
| Species | Lepomis macrochirus | | |
| Source | Manufacturer | | |

| Toxicity to fish (chronic) | | | |
|-----------------------------------|------------------------|---------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | peracetic acid . . . % | 79-21-0 | 201-186-8 |
| NOEC | | 0,00094 | mg/l |
| Duration of exposure | | 33 | day(s) |
| Species | Danio rerio | | |
| Source | Manufacturer | | |

| Toxicity to Daphnia (acute) | | | |
|------------------------------------|----------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | hydrogen peroxide solution | 7722-84-1 | 231-765-0 |
| EC50 | | 2,4 | mg/l |
| Duration of exposure | | 48 | h |
| Species | Daphnia pulex | | |
| Method | EPA | | |
| Source | ECHA | | |
| 2 | peracetic acid . . . % | 79-21-0 | 201-186-8 |
| EC50 | | 0,73 | mg/l |
| Duration of exposure | | 48 | h |
| Species | Daphnia magna | | |
| Source | Manufacturer | | |

| Toxicity to Daphnia (chronic) | | | |
|--------------------------------------|--|--|--|
| No data available | | | |

| Toxicity to algae (acute) | | | |
|----------------------------------|---------------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | hydrogen peroxide solution | 7722-84-1 | 231-765-0 |
| ErC50 | | 2,62 | mg/l |
| Duration of exposure | | 72 | h |
| Species | Skeletonema costatum | | |
| Method | OECD 201 | | |
| Source | ECHA | | |
| 2 | peracetic acid . . . % | 79-21-0 | 201-186-8 |
| EC50 | | 0,16 | mg/l |
| Duration of exposure | | 72 | h |
| Species | Pseudokirchneriella subcapitata | | |
| Source | Manufacturer | | |

| Toxicity to algae (chronic) | | | |
|------------------------------------|----------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | hydrogen peroxide solution | 7722-84-1 | 231-765-0 |
| NOEC | | 0,63 | mg/l |

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| | | |
|----------------------|----------------------|---|
| Duration of exposure | 72 | h |
| Species | Skeletonema costatum | |
| Method | OECD 201 | |
| Source | ECHA | |

| |
|--------------------------|
| Bacteria toxicity |
| No data available |

12.2 Persistence and degradability

| | | | |
|-------------------------|----------------------------|----------------|---------------|
| Biodegradability | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | hydrogen peroxide solution | 7722-84-1 | 231-765-0 |
| Source | ECHA | | |
| Evaluation | readily biodegradable | | |

12.3 Bioaccumulative potential

| | | | |
|--|----------------------------|----------------|---------------|
| Partition coefficient n-octanol/water (log value) | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | hydrogen peroxide solution | 7722-84-1 | 231-765-0 |
| log Pow | | | -1,57 |
| Source | ECHA | | |

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

| | |
|---|---|
| Results of PBT and vPvB assessment | |
| PBT assessment | The components of this product are not considered to be a PBT. |
| vPvB assessment | The components of this product are not considered to be a vPvB. |

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

| |
|---|
| Other information |
| Do not discharge product uncontrolled into the environment. |

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

| | |
|---------------------------|---|
| Class | 5.1 |
| Classification code | OC1 |
| Packing group | II |
| Hazard identification no. | 58 |
| UN number | UN3149 |
| Proper shipping name | HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED |
| Tunnel restriction code | E |
| Label | 5.1+8 |

Trade name: Jet 5**Product no.:** SY 042 C1255 IRE**Current version :** 1.2.0, issued: 14.02.2022**Replaced version:** 1.1.2, issued: 09.03.2021**Region:** IE**14.2 Transport IMDG**

| | |
|----------------------|---|
| Class | 5.1 |
| Subsidiary Risk | 8 |
| Packing group | II |
| UN number | UN3149 |
| Proper shipping name | HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED |
| EmS | F-H, S-Q |
| Label | 5.1+8 |

14.3 Transport ICAO-TI / IATA

| | |
|----------------------|---|
| Class | 5.1 |
| Subrisk | 8 |
| Packing group | II |
| UN number | UN3149 |
| Proper shipping name | Hydrogen peroxide and peroxyacetic acid mixture, stabilized |
| Label | 5.1+8 |

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

| | |
|--|------|
| The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. | No 3 |
|--|------|

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

| | |
|--|--------|
| This product is subject to Part I of Annex I, risk category: | E1, P8 |
|--|--------|

If the properties of the substance/product give rise to more than one classification, for the purposes of 2012/18/UE, the lowest qualifying quantities set out in Part 1 and Part 2 of Annex I shall apply.

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

National regulations**Other regulations**

REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013

Trade name: Jet 5**Product no.:** SY 042 C1255 IRE**Current version :** 1.2.0, issued: 14.02.2022**Replaced version:** 1.1.2, issued: 09.03.2021**Region:** IE

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

| | |
|------|--|
| H226 | Flammable liquid and vapour. |
| H242 | Heating may cause a fire. |
| H271 | May cause fire or explosion; strong oxidiser. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H318 | Causes serious eye damage. |
| H332 | Harmful if inhaled. |
| H400 | Very toxic to aquatic life. |
| H412 | Harmful to aquatic life with long lasting effects. |

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

| | |
|---|---|
| B | Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis. |
|---|---|

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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Prod-ID 758966