

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

## PRO RED UV

Version 4 ( 08.08.23 )

Issue date: 24.08.23

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

#### 1.1 Product identifier

Trade name PRO RED UV  
Name INCI ---  
Name Ph. Eur. ---  
REACH registration No. ---  
UFI N.A.

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

General use

---

Uses advised against

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

|                                |                               |
|--------------------------------|-------------------------------|
| Dryfast B.V.                   | Klein Siberiëstraat 1B-1C     |
| Kreekweg 20-22                 | 3900 Pelt                     |
| 3133 AZ Vlaardingen            | Belgium                       |
| The Netherlands                | Telephone: +32 (0)3 544 83 94 |
| Telephone: +31 (0)10 426 14 10 | Email: info@dryfast.eu        |
| Email: info@dryfast.eu         | Website: www.dryfast.eu       |
| Website: www.dryfast.eu        |                               |

#### 1.4 Emergency telephone number

|                       |  |
|-----------------------|--|
| Emergency Information | FluoTechnik<br>SAS PAVIQUA<br>9A Parc d'activité Bel Air<br>84300 LES TAILLADES - France |
| Phone #               | +33 4 86 69 63 72  |

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to EC regulation 1272/2008 (CLP)

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2 Label elements

##### Labelling

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Signal word ---

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### Hazard statements

identification is not obligatory

### Safety precautions

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P262 Do not get in eyes, on skin, or on clothing.  
P270 Do not eat, drink or smoke when using this product.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### Hazard components for labelling

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### Special provisions concerning the labelling of certain mixtures

EUH208 Contains Mixture of / Mischung von 5-Chlor-2-methyl-2H-isothiazol-3-on und 2-Methyl-2H-isothiazol-3-on (3:1). May produce an allergic reaction.

### 2.3 Other hazards

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## SECTION 3: Composition/information on ingredients

### 3.1 Substances

#### Chemical characterisation

Polymer preparations and compounds optical brighteners binder

CAS-Number ---  
EINECS / ELINCS / NLP ---  
EU index number ---  
Customs tariff number ---  
REACH registration No. ---  
RTECS-no. ---  
Hazchem-Code ---  
CI-Number ---

### 3.2 Mixtures

#### Substance 1

Polymer, Modified Cured Hybrid Polymer  
| LD50 Oral (rat): > 2000 mg/kg bw: 25 % - 40 %

Classification according to EC regulation 1272/2008 (CLP):  
not required;

#### Substance 3

Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7)/  
2-methyl-2H-isothiazol-3-one (EINECS 220-239-6) (3:1): <= 0,0015 %  
CAS-Number: 55965-84-9  
EU index number: 613-167-00-5  
EINECS / ELINCS / NLP: 911-418-6

#### Substance 2

(2-methoxymethylethoxy)propanol: 1 % - 4 %  
CAS-Number: 34590-94-8  
EINECS / ELINCS / NLP: 252-104-2  
REACH registration No.: 01-2119450011-60--XXXX

Classification according to EC regulation 1272/2008 (CLP):

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REACH registration No.: 01-2120764691-48-XXXX  
Classification according to EC regulation 1272/2008 (CLP):  
Acute Tox. 2; H310 / Acute Tox. 2; H330 / Acute Tox. 3;  
H301 / Aquatic Acute 1; H400 / Aquatic Chronic 1; H410  
/ not required; EUH071 / Skin Corr. 1C; H314 / Eye Dam.  
1; H318 / Skin Sens. 1; H317

### Additional information

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Change contaminated clothing. No known symptoms to date.

#### In case of inhalation

Move victim to fresh air. Seek medical attention.

#### In case of skin contact

Thoroughly wash skin with soap and water.

#### After eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist.

#### After swallowing

Rinse mouth. Do not induce vomiting. Seek medical attention.

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

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

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

carbon dioxide water mist Water foam dry extinguishing powder

#### Extinguishing media which must not be used for safety reasons

Full water jet

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

May form dangerous gases and vapours in case of fire.

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.

#### Additional information

Do not allow water used to extinguish fire to enter drains, ground or waterways. Remove persons not involved upwind.

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### SECTION 6: Accidental release measures

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

Wear personal protection equipment. Do not breathe dust. Do not breathe vapours. Do not breathe gas. Do not breathe smoke. Avoid contact with skin, eyes, and clothing.

#### **6.2 environmental precautions**

Absorb spillage to prevent material damage. Do not empty into drains. Discharge into the environment must be avoided.

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

##### **Methods for cleaning up**

Dispose of waste according to applicable legislation. Take up mechanically, placing in appropriate containers for disposal. You have to dispose of contaminated extinguishing water according to the regulations of the authorities. Clean using cleansing agents. Do not use solvents.

##### **Additional information**

See protective measures under point 7 and 8.

#### **6.4 Reference to other sections**

none

### SECTION 7: Handling and storage

#### **7.1 Precautions for safe handling**

##### **Advices on safe handling**

Personal protection equipment: see section 8 Provide good ventilation and/or an exhaust system in the work area. Take precautionary measures against static discharges. Personal precautions, protective equipment and emergency procedures

##### **Precautions against fire and explosion**

Take precautionary measures against static discharges. Provide adequate ventilation. Personal protection equipment: see section 8

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

##### **Requirements for storerooms and containers**

Keep container tightly closed in a cool, well-ventilated place. Keep containers tightly closed and at a temperature between 10 °C and 35 °C.

##### **Hints on joint storage**

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##### **Storage class**

12

##### **Further details**

none

#### **7.3 Specific end use(s)**

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### SECTION 8: Exposure controls/personal protection

#### **8.1 Control parameters**

34590-94-8 (2-methoxymethylethoxy)propanol

|           |                 |      |
|-----------|-----------------|------|
| PNEC soil | 2,740 mg/kg     | -    |
| oral      | 5.135,000 mg/kg | LD50 |

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|                                    |           |                   |  |
|------------------------------------|-----------|-------------------|--|
| LD50                               | 9.500,000 | mg/kg             | dermal                                     |
| LC50                               | 55,000    | mg/L              | -60 (Fumes / Dämpfe)                       |
| PNEC aquatic, freshwater           | 19,000    | mg/L              | -  |
| PNEC aquatic, marine water         | 1,900     | mg/L              | -  |
| DNEL long-term oral (repeated)     | 36,000    | mg/kg             | KG/d, consumer                             |
| DNEL long-term dermal (systemi     | 283,000   | mg/kg             | KG/d workers (Arbeitnehmer), 121 consumers |
| DNEL long-term inhalative (sys     | 308,000   | mg/m <sup>3</sup> | workers (Arbeitnehmer), 37,2 consumers     |
| DEU Occupational exposure limit va | 310,000   | mg/m <sup>3</sup> | -  |

55965-84-9 Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7)/ 2-methyl-2H-isothiazol-3-one

|                        |         |          |                    |
|------------------------|---------|----------|--------------------|
| Inhalation (dust/mist) | 0,050   | mg/L     | -                  |
| LD50                   | 457,000 | mg/kg bw | dermal Toxicity    |
| LC50                   | 1,230   | mg/L     | inhalation (fumes) |
| dermal                 | 660,000 | mg/kg bw | dermal LD50        |

### 8.2 Exposure controls

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#### Occupational exposure controls

##### Respiratory protection

When aerosols and vapours form wear filter apparatus type A (= against vapours of organic substances).

##### Hand protection

nitrile rubber

##### Eye protection

Wear eye/face protection.

##### Body protection

Wear suitable protective clothing and shoes.

##### General protection and hygiene measures

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## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form liquid viscous  
 Colour colourless up to white  
 Odour ---

|   | min     | max  |
|---|---------|------|
| Melting point/freezing point            | > -5 °C | 0 °C |
| Initial boiling point and boiling range | 100 °C  | ---  |
| Flammability                            |         | ---  |
| Explosion limits                        | ---     | ---  |
| Flash point/flash point range           | ---     | ---  |
| Ignition temperature                    | ---     | ---  |

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|   |                |           |     |                    |          |
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| <b>PH</b>                                     | ---            | ---       | --- | approx. neutral    |          |
| <b>Viscosity</b>                              | 100 mPas       | 1000 mPas | --- | ---                |          |
| <b>Viscosity</b>                              | ---            | ---       | --- | ---                |          |
| <b>Solubility</b>                             | ---            | ---       | --- | ---                |          |
| <b>Partition coefficient: n-octanol/water</b> | ---            | ---       | --- | ---                |          |
| <b>Vapour pressure</b>                        | ---            | ---       | --- | ---                |          |
| <b>Density and/or relative density</b>        | ---            | 1,06 g/ml | --- | ---                |          |
| <b>Relative vapour density</b>                | ---            | ---       | --- | ---                | ---      |
| <b>Auto-ignition temperature</b>              | ---            | ---       | --- | ---                |          |
| <b>Refraction index</b>                       | ---            | ---       | --- | ---                |          |
| <b>Decomposition temperature</b>              | ---            | ---       | --- | ---                |          |

**Danger of explosion** ---  
**particle characteristics** ---

### 9.2 Other information

Information with regard to physical hazard classes

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Product is stable under normal storage conditions.

### 10.2 Chemical stability

Product is stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

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### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5 Incompatible materials

Strong oxidizing agents strong bases

### 10.6 Hazardous decomposition products

Hazardous decomposition products such as carbon dioxide, carbon monoxide, fumes, nitrogen oxides may develop with exposure to high temperatures. sulphur oxides

## SECTION 11: Toxicological information

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

#### Toxicological tests

|                |          |              |   |            |       |   |
|----------------|----------|--------------|---|------------|-------|---|
| Acute toxicity | OECD 401 | not required | > | 2000,00000 | mg/kg | - |
|----------------|----------|--------------|---|------------|-------|---|

#### Toxicological tests

Polymer, Modified Cured Hybrid Polymer | LD50 Oral (rat): > 2000 mg/kg bw

|      |      |     |    |            |       |   |
|------|------|-----|----|------------|-------|---|
| oral | LD50 | Rat | >= | 2000,00000 | mg/kg | - |
|------|------|-----|----|------------|-------|---|

#### Toxicological tests

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34590-94-8 (2-methoxymethylethoxy)propanol

|                  |      |     |  |            |          |               |
|------------------|------|-----|--|------------|----------|---------------|
| Inhalation (vap) | LC50 | Rat |  | 55,00000   | mg/L     | -60,000 (4 h) |
| oral             | LD50 | Rat |  | 5135,00000 | mg/kg bw | -             |
| dermal           | LD50 | Rat |  | 9500,00000 | mg/kg bw | -             |

**Toxicological tests**

55965-84-9 Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7)/ 2-methyl-2H-isothiazol-3-one

|                  |              |              |  |           |          |     |
|------------------|--------------|--------------|--|-----------|----------|-----|
| Inhalation (dus) | not required | not required |  | 0,05000   | mg/L     | ATE |
| Inhalation (vap) | LC50         | Rat          |  | 1,23000   | mg/L     | -   |
| oral             | LD50         | Rat          |  | 457,00000 | mg/kg bw | -   |
| dermal           | LD50         | Rabbit       |  | 660,00000 | mg/kg bw | -   |

**Toxicokinetics, metabolism and distribution**

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**Acute toxicity**

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**Aspiration hazard**

No data available

**After swallowing**

No information available.

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Sensibilisation: Respiratory system**

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**Sensibilisation: Skin**

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**STOT-single exposure**

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**STOT-repeated exposure**

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**Carcinogenic, germ cell mutagen and reproduction effects****Carc.Cat.**

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**Muta.Cat.**

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**Repr.Cat.**

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**Practical experience**

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Handle in accordance with good industrial hygiene and safety practice.

**General remarks**

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### 11.2 Information on other hazards

No information available, because for the substance no chemical safety report is required.

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Ecotoxicological effects

|          |              |   |           |      |   |
|----------|--------------|---|-----------|------|---|
| OECD 203 | not required | > | 100,00000 | mg/L | - |
|----------|--------------|---|-----------|------|---|

#### Ecotoxicological effects

34590-94-8 (2-methoxymethylethoxy)propanol

|        |                           |   |             |      |                            |
|--------|---------------------------|---|-------------|------|----------------------------|
| LC50   | Pimephales promelas (fath | > | 10000,00000 | mg/L | 96 h (Acute Fish Toxicity) |
| EC50   | Daphnia magna (Big water  |   | 1919,00000  | mg/L | Acute crustacea toxicity   |
| ErC50: | Selenastrum capricornutum |   | 969,00000   | mg/L | Acute algal toxicity       |

#### Ecotoxicological effects

55965-84-9 Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (

|                 |                 |  |         |      |                       |
|-----------------|-----------------|--|---------|------|-----------------------|
| NOEC:           | Fish toxicity:  |  | 0,13000 | mg/L | OECD203, 4d           |
| LC50            | Fish toxicity:  |  | 0,19000 | mg/L | OECD203, 96h          |
| Bacterial toxic | not required    |  | 4,50000 | mg/L | 3h, bacteria, OECD209 |
| ErC50:          | Algae toxicity: |  | 0,03700 | mg/L | OECD201, 72h          |

#### Aquatic toxicity

Discharge into the environment must be avoided.

Water Hazard Class 2

WGK catalog number ---

#### General information

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### 12.2 Persistence and degradability

#### Degradation

#### Effects in sewage plants

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

#### Further details

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#### Oxygen demand

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### 12.3 Bioaccumulative potential

#### Bioconcentration factor (BCF)

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#### Partition coefficient: n-octanol/water

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### 12.4 Mobility in soil



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No data available

**Mobility**

Environmental distribution

**12.5 Results of PBT and vPvB assessment**

No data available

**12.6 Endocrine disrupting properties**

No information available, because for the substance no chemical safety report is required.

**12.7 Other adverse effects**

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## SECTION 13: Disposal considerations

**13.1 Waste treatment methods****Product**

Waste key number

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Recommendation

Send to a hazardous waste incinerator facility under observation of official regulations.

**Package**

Waste key number

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Recommendation

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**Additional information**

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## SECTION 14: Transport information

**14.1 UN number or ID number**NON  
dangerous  
goods**14.2 UN proper shipping name**

ADR, ADN not required

IMDG, IATA ---

**14.3 Transport hazard class(es)**

ADR, ADN NON dangerous goods

IMDG ---

IATA ---

**14.4 Packing group**

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NON dangerous goods

### 14.5 Environmental hazards

|                         |                            |
|-------------------------|----------------------------|
| Marine Pollutant - IMDG | NON<br>MARINE<br>POLLUTANT |
| Marine Pollutant - ADN  | ---                        |

### 14.6 Special precautions for user

No dangerous good in sense of this transport regulation.

### Land transport (ADR/RID)

|   |     |
|---|-----|
| Code: ADR/RID                           | --- |
| Kemmler-number                          | --- |
| Hazard label ADR                        | --- |
| Limited quantities                      | --- |
| Package: Instructions                   | --- |
| Package: Special Provisions             | --- |
| Special provisions for packing together | --- |
| Portable tanks: Instructions            | --- |
| Portable tanks: Special Provisions      | --- |
| Tank coding                             | --- |
| Tunnel restriction                      | --- |
| Remarks                                 | --- |
| EQ                                      | --- |
| Special Provisions                      | --- |

### Inland waterway craft (ADN)

|                     |     |
|---------------------|-----|
| Hazard label        | --- |
| Limited quantities  | --- |
| Transport permitted | --- |
| Equipment necessary | --- |
| Ventilation         | --- |
| Remarks             | --- |
| EQ                  | --- |
| Special Provisions  | --- |

### Sea transport (IMDG)

|                                      |     |
|--------------------------------------|-----|
| EmS                                  | --- |
| Special Provisions                   | --- |
| Limited quantities                   | --- |
| Package: Instructions                | --- |
| Package: Special Provisions          | --- |
| IBC: Instructions                    | --- |
| IBC: Provisions                      | --- |
| Tank instructions IMO                | --- |
| Tank instructions UN                 | --- |
| Tank instructions Special Provisions | --- |
| Stowage and segregation              | --- |
| Properties and observations          | --- |
| Remarks                              | --- |
| EQ                                   | --- |

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### Air transport (IATA-DGR)

|                      |     |
|----------------------|-----|
| Hazard               | --- |
| Passenger            | --- |
| Passenger LQ         | --- |
| Cargo                | --- |
| ERG                  | --- |
| Remarks              | --- |
| EQ                   | --- |
| Special Provisioning | --- |

### 14.7 Maritime transport in bulk according to IMO instruments

No data available

## SECTION 15: Regulatory information

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

#### National regulations

##### Europe

|                          |         |
|--------------------------|---------|
| Contents of VOC [%]      | NON 0 % |
| Contents of VOC<br>[g/L] | ---     |

Further regulations, limitations and legal requirements  
---

##### Germany

|                     |     |
|---------------------|-----|
| Storage class       | --- |
| Water Hazard Class  | 2   |
| WGK catalog number  | --- |
| Incident regulation | --- |

Information on working limitations  
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Further regulations, limitations and legal requirements  
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##### Denmark

Further regulations, limitations and legal requirements  
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##### Hungary

Further regulations, limitations and legal requirements  
---

##### Great Britain

Further regulations, limitations and legal requirements  
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##### Switzerland

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**Contents of VOC [%]**

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**Further regulations, limitations and legal requirements**

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**USA**

**Further regulations, limitations and legal requirements**

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**Federal Regulations**

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**State Regulations**

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**Japan**

**Further regulations, limitations and legal requirements**

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**Canada**

**Further regulations, limitations and legal requirements**

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**15.2 Chemical Safety Assessment**

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## SECTION 16: Other information

**Further information**

**Hazard statements (CLP)**

H318 Causes serious eye damage.  
H317 May cause an allergic skin reaction.  
H330 Fatal if inhaled.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H301 Toxic if swallowed.  
H310 Fatal in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
EUH071 Corrosive to the respiratory tract.

**Further information**

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**Literature**

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For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

**Reason of change**

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**Additional information**

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