

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## SUCCESSOR® 600

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	25.07.2022	50000661	Date of first issue: 25.07.2022

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

#### 1.1 Product identifier

Product name	SUCCESSOR® 600
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#### Other means of identification

Product code	50000661
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#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub- stance/Mixture	Herbicide
Recommended restrictions on use	Use as recommended by the label.

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

<u>Supplier Address</u>	FMC Agricultural Solutions A/S Thyborønvej 78 DK-7673 Harbøre Denmark  Telephone: +45 9690 9690 Telefax: +45 9690 9691 E-mail address: SDS-Info@fmc.com (E-Mail General Infor- mation)
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#### 1.4 Emergency telephone number

For leak, fire, spill or accident emergencies, call:  
Slovenia: +(386)-18888016 (CHEMTREC)

Medical emergency:  
Slovenia: +(386) 41 650 500

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4	H302: Harmful if swallowed.
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Skin irritation, Category 2	H315: Causes skin irritation.
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Serious eye damage, Category 1	H318: Causes serious eye damage.
Skin sensitisation, Sub-category 1A	H317: May cause an allergic skin reaction.
Aspiration hazard, Category 1	H304: May be fatal if swallowed and enters airways.
Short-term (acute) aquatic hazard, Category 1	H400: Very toxic to aquatic life.
Long-term (chronic) aquatic hazard, Category 1	H410: Very toxic to aquatic life with long lasting effects.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements :

- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

#### **Response:**

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P331 Do NOT induce vomiting.

#### **Disposal:**

P501 Dispose of contents/container in accordance with local regulation.

#### Hazardous components which must be listed on the label:

pethoxamide (ISO)

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Solvent naphtha (petroleum), heavy arom.  
calcium dodecylbenzenesulphonate

### Additional Labelling

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

For special phrases (SP) and safety intervals, consult the label.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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

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

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
pethoxamide (ISO)	106700-29-2  616-145-00-3	Acute Tox. 4; H302 Acute Tox. 4; H302 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410  M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100  Acute toxicity estimate  Acute oral toxicity: 983 mg/kg	>= 50 - < 70
Solvent naphtha (petroleum), heavy arom.	64742-94-5 265-198-5	Asp. Tox. 1; H304 Aquatic Chronic 2;	>= 30 - < 50

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	649-424-00-3	H411 EUH066	
Tristyrylphenol ethoxylates	99734-09-5	Aquatic Chronic 3; H412	$\geq 2,5 - < 10$
calcium dodecylbenzenesulpho- nate	26264-06-2 247-557-8	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412  Acute toxicity esti- mate  Acute oral toxicity: 1.300 mg/kg	$\geq 2,5 - < 3$
2-ethylhexan-1-ol	104-76-7 203-234-3	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 (Respiratory system)  Acute toxicity esti- mate  Acute inhalation tox- icity (dust/mist): 4,3 mg/l	$\geq 1 - < 10$

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
Symptoms of poisoning may appear several hours later.  
Do not leave the victim unattended.
- If inhaled : Call a physician or poison control centre immediately.  
If unconscious, place in recovery position and seek medical advice.
- In case of skin contact : If on clothes, remove clothes.  
If on skin, rinse well with water.  
Wash off with soap and plenty of water.  
Get medical attention if irritation develops and persists.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tis-

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sue damage and blindness.  
In the case of contact with eyes, rinse immediately with plenty  
of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.

If swallowed : Do NOT induce vomiting.  
Clean mouth with water and drink afterwards plenty of water.  
Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.

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

Risks : Harmful if swallowed.  
May be fatal if swallowed and enters airways.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.

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

Treatment : Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Dry chemical, CO<sub>2</sub>, water spray or regular foam.

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : Carbon oxides  
Sulphur oxides  
Nitrogen oxides (NO<sub>x</sub>)  
Chlorinated compounds  
Thermal decomposition can lead to release of irritating gases and vapours.

### 5.3 Advice for firefighters

Special protective equipment : Wear self-contained breathing apparatus for firefighting if nec-

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for firefighters

essary.

Further information

: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

### SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.  
Ensure adequate ventilation.  
Evacuate personnel to safe areas.

#### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Neutralize with chalk, alkali solution or ammonia.  
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.  
Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Provide sufficient air exchange and/or exhaust in work rooms.  
To avoid spills during handling keep bottle on a metal tray.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

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Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Avoid contact with skin, eyes and clothing. When using do not eat or drink. When using do not smoke. Wash hands before breaks and immediately after handling the product.

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

Requirements for storage areas and containers : Prevent unauthorized access. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Advice on common storage : Do not store near acids.

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : Registered pesticide to be used in accordance with a label approved by country-specific regulatory authorities.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
2-ethylhexan-1-ol	104-76-7	TWA	1 ppm 5,4 mg/m <sup>3</sup>	2017/164/EU
Further information	Indicative			
		MV	1 ppm 5,4 mg/m <sup>3</sup>	SI OEL
Further information	Maximum level set by Commission Directive 2017/164 / EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values in accordance with Council Directive 98/24/ EC and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU (OJ L, No 27, 1 February 2017, p. 115)., Substances without teratogenic effects when respecting limit values and bat values.			
		KTV	1 ppm 5,4 mg/m <sup>3</sup>	SI OEL

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
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pethoxamide (ISO)			Systemic effects	0,02 mg/kg
calcium dodecylbenzenesulphonate	Workers	Inhalation	Long-term systemic effects	52 mg/m3
	Workers	Dermal	Long-term systemic effects	57,2 mg/kg
	Consumers	Inhalation	Long-term systemic effects	26 mg/m3
	Consumers	Dermal	Long-term systemic effects	28,6 mg/kg
	Consumers	Oral	Long-term systemic effects	13 mg/kg
2-ethylhexan-1-ol	Workers	Inhalation	Long-term systemic effects	12,8 mg/m3
	Workers	Dermal	Long-term systemic effects	23 mg/kg
	Consumers	Inhalation	Long-term systemic effects	2,3 mg/m3
	Consumers	Dermal	Long-term systemic effects	11,4 mg/kg
	Consumers	Oral	Long-term systemic effects	1,1 mg/kg

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
pethoxamide (ISO)		0,29 µg/l
calcium dodecylbenzenesulphonate	Fresh water	0,28 mg/l
	Marine water	0,458 mg/l
	Fresh water sediment	27,5 mg/kg
	Marine sediment	2,75 mg/kg
	Soil	25 mg/kg
	Oral	20 mg/kg
2-ethylhexan-1-ol	Fresh water	0,017 mg/l
	Intermittent use/release	0,17 mg/l
	Marine water	0,0017 mg/l
	Sewage treatment plant	10 mg/kg dry weight (d.w.)
	Fresh water sediment	0,284 mg/kg dry weight (d.w.)

## 8.2 Exposure controls

### Personal protective equipment

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.

### Hand protection

Material : Wear chemical resistant gloves, such as barrier laminate, butyl rubber or nitrile rubber.

Remarks : The suitability for a specific workplace should be discussed



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with the producers of the protective gloves.

- |                          |   |   |
|--------------------------|---|---|
| Skin and body protection | : | Impervious clothing<br>Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
| Respiratory protection   | : | In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.                         |
| Protective measures      | : | Plan first aid action before beginning work with this product.  |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- |  |   |   |
|--|---|---|
| Appearance                                       | : | liquid  |
| Colour   | : | brown   |
| Odour  | : | aromatic, hydrocarbon-like                                    |
| Odour Threshold                                  | : | not determined  |
| Melting point/freezing point                     | : | not determined  |
| Boiling point/boiling range                      | : | not determined  |
| Upper explosion limit / Upper flammability limit | : | not determined  |
| Lower explosion limit / Lower flammability limit | : | not determined  |
| Flash point                                      | : | 102 °C<br>Method: closed cup                                  |
| Decomposition temperature                        | : | not determined  |
| pH   | : | 3,2 (20 °C)<br>Concentration: 10 g/l<br>(as aqueous solution) |
| Viscosity  |   |   |
| Viscosity, dynamic                               | : | 28,3 mPa.s (20 °C)  |
| Viscosity, kinematic                             | : | 56 mm <sup>2</sup> /s (20 °C)<br>6 rpm                        |
| Solubility(ies)                                  |   |   |
| Water solubility                                 | : | emulsifiable  |

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Partition coefficient: n-octanol/water : Not available for this mixture.

Vapour pressure : Not available for this mixture.

Density : 1,06 g/cm<sup>3</sup> (20 °C)

Relative vapour density : 1

### Particle characteristics

Particle size : Not applicable

Particle Size Distribution : Not applicable

Shape : Not applicable

## 9.2 Other information

Explosives : Not explosive

Oxidizing properties : Non-oxidizing

Flammability (liquids) : ignitable

Self-ignition : 355 °C

Evaporation rate : Not available for this mixture.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : Avoid strong acids, bases, and oxidizers

### 10.6 Hazardous decomposition products

Stable under recommended storage conditions.

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### SECTION 11: Toxicological information

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

##### Acute toxicity

Harmful if swallowed.

##### Product:

Acute oral toxicity : LD50 (Rat): 813 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): > 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 402

##### Components:

##### **pethoxamide (ISO):**

Acute oral toxicity : LD50 (Rat): 983 mg/kg  
Method: OECD Test Guideline 401

Acute toxicity estimate: 983 mg/kg  
Method: Calculation method

Acute inhalation toxicity : LC50 (Rat): > 4,95 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity  
Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 402  
Remarks: Based on data from similar materials

##### **Solvent naphtha (petroleum), heavy arom.:**

Acute oral toxicity : LD50 (Rat, male and female): > 5.000 mg/kg  
Method: OECD Test Guideline 401  
Remarks: Based on data from similar materials

Acute inhalation toxicity : LC50 (Rat): > 4,688 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Assessment: The substance or mixture has no acute inhalation toxicity

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Acute dermal toxicity : LD50 (Rabbit): > 2.000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity

### Tristyrylphenol ethoxylates:

Acute oral toxicity : LD50 (Rat, male and female): > 5.000 mg/kg  
Method: OECD Test Guideline 401  
Remarks: Based on data from similar materials

Acute dermal toxicity : LD50 (Rat, male and female): > 2.000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity

### calcium dodecylbenzenesulphonate:

Acute oral toxicity : LD50 (Rat, male and female): 1.300 mg/kg  
Remarks: Based on data from similar materials

Acute toxicity estimate: 1.300 mg/kg  
Method: Calculation method

Acute inhalation toxicity : Remarks: Not classified

Acute dermal toxicity : LD50 (Rat, male and female): > 2000 milligram per kilogram  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity  
Remarks: Based on data from similar materials

### 2-ethylhexan-1-ol:

Acute oral toxicity : LD50 (Rat, male): 2.047 mg/kg

Acute inhalation toxicity : LC50 (Rat): 4,3 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute toxicity estimate: 4,3 mg/l  
Test atmosphere: dust/mist  
Method: Calculation method

Acute dermal toxicity : LD50 (Rat, male and female): > 3.000 mg/kg  
Method: OECD Test Guideline 402  
Assessment: The substance or mixture has no acute dermal toxicity

### Skin corrosion/irritation

Causes skin irritation.

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### **Product:**

Species	:	Rabbit
Assessment	:	Irritating to skin.
Method	:	OECD Test Guideline 404
Result	:	Skin irritation

### **Components:**

#### **pethoxamide (ISO):**

Assessment	:	Not classified as irritant
Method	:	OECD Test Guideline 404
Result	:	slight irritation

#### **Solvent naphtha (petroleum), heavy arom.:**

Species	:	Rabbit
Assessment	:	Repeated exposure may cause skin dryness or cracking.
Result	:	No skin irritation
Remarks	:	Minimal effects that do not meet the threshold for classification. Based on data from similar materials

#### **Tristyrylphenol ethoxylates:**

Species	:	Rabbit
Method	:	OECD Test Guideline 404
Result	:	No skin irritation

#### **calcium dodecylbenzenesulphonate:**

Species	:	Rabbit
Method	:	OECD Test Guideline 404
Result	:	Skin irritation

#### **2-ethylhexan-1-ol:**

Species	:	Rabbit
Method	:	OECD Test Guideline 404
Result	:	Skin irritation

#### **Serious eye damage/eye irritation**

Causes serious eye damage.

### **Product:**

Species	:	Rabbit
Assessment	:	Risk of serious damage to eyes.
Method	:	OECD Test Guideline 405
Result	:	Irreversible effects on the eye

### **Components:**

#### **pethoxamide (ISO):**

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Assessment	:	Not classified as irritant
Method	:	OECD Test Guideline 405
Result	:	slight irritation

### **Solvent naphtha (petroleum), heavy arom.:**

Species	:	Rabbit
Assessment	:	No eye irritation
Remarks	:	Minimal effects that do not meet the threshold for classification. Based on data from similar materials

### **Tristyrylphenol ethoxylates:**

Species	:	Rabbit
Method	:	OECD Test Guideline 405
Result	:	No eye irritation

### **calcium dodecylbenzenesulphonate:**

Species	:	Rabbit
Method	:	OECD Test Guideline 405
Result	:	Irreversible effects on the eye
Remarks	:	Based on data from similar materials

Species	:	Rabbit
Method	:	OECD Test Guideline 405
Result	:	Irreversible effects on the eye

### **2-ethylhexan-1-ol:**

Species	:	Rabbit
Method	:	OECD Test Guideline 405
Result	:	Irritation to eyes, reversing within 21 days

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

May cause an allergic skin reaction.

#### **Respiratory sensitisation**

Not classified based on available information.

#### **Product:**

Species	:	Guinea pig
Assessment	:	The product is a skin sensitiser, sub-category 1A.
Method	:	OECD Test Guideline 406
Result	:	May cause sensitisation by skin contact.

#### **Components:**

##### **pethoxamide (ISO):**

Method	:	OECD Test Guideline 406
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Result : May cause sensitisation by skin contact.

Assessment : Harmful if swallowed.  
May cause an allergic skin reaction.

### Solvent naphtha (petroleum), heavy arom.:

Test Type : Maximisation Test  
Species : Guinea pig  
Result : Not a skin sensitizer.  
Remarks : Based on data from similar materials

### calcium dodecylbenzenesulphonate:

Test Type : Maximisation Test  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : Not a skin sensitizer.  
Remarks : Based on data from similar materials

### Germ cell mutagenicity

Not classified based on available information.

### Product:

Germ cell mutagenicity- Assessment : Weight of evidence does not support classification as a germ cell mutagen.

### Components:

#### Solvent naphtha (petroleum), heavy arom.:

Genotoxicity in vitro : Test Type: reverse mutation assay  
Method: OECD Test Guideline 471  
Result: negative  
Remarks: Based on data from similar materials

Genotoxicity in vivo : Test Type: Bone marrow chromosome aberration  
Species: Rat  
Application Route: inhalation (vapour)  
Result: negative

#### Tristyrylphenol ethoxylates:

Genotoxicity in vitro : Test Type: reverse mutation assay  
Method: OECD Test Guideline 471  
Result: negative

Genotoxicity in vivo : Remarks: No data available

#### calcium dodecylbenzenesulphonate:

Genotoxicity in vitro : Test Type: reverse mutation assay  
Method: OECD Test Guideline 471  
Result: negative

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Remarks: Based on data from similar materials

Genotoxicity in vivo : Test Type: chromosome aberration assay  
Species: Rat (male and female)  
Application Route: Oral  
Exposure time: 90 d  
Result: negative  
Remarks: Based on data from similar materials

Germ cell mutagenicity- Assessment : Weight of evidence does not support classification as a germ cell mutagen.

### 2-ethylhexan-1-ol:

Genotoxicity in vitro : Test Type: reverse mutation assay  
Method: OECD Test Guideline 471  
Result: negative

Genotoxicity in vivo : Test Type: Micronucleus test  
Species: Mouse  
Application Route: Intraperitoneal injection  
Result: negative

### Carcinogenicity

Not classified based on available information.

#### Product:

Carcinogenicity - Assessment : Weight of evidence does not support classification as a carcinogen

#### Components:

##### pethoxamide (ISO):

Carcinogenicity - Assessment : No evidence of carcinogenicity in animal studies.

##### Solvent naphtha (petroleum), heavy arom.:

Species : Rat, male and female  
Application Route : inhalation (vapour)  
Exposure time : 12 month(s)  
NOAEC : 1,8 mg/l  
Result : negative  
Remarks : Based on data from similar materials

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

##### calcium dodecylbenzenesulphonate:

Species : Rat, male and female  
Application Route : Oral  
Exposure time : 720 d



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NOAEL : 250 mg/kg body weight  
Result : negative  
Remarks : Based on data from similar materials

Carcinogenicity - Assessment : Weight of evidence does not support classification as a carcinogen

### 2-ethylhexan-1-ol:

Species : Rat  
Application Route : Oral  
Exposure time : 24 month(s)  
Result : negative

### Reproductive toxicity

Not classified based on available information.

### Product:

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

### Components:

#### pethoxamide (ISO):

Reproductive toxicity - Assessment : Animal testing showed no reproductive toxicity.

#### calcium dodecylbenzenesulphonate:

Effects on fertility : Test Type: Fertility/early embryonic development  
Species: Rat, male and female  
Application Route: Ingestion  
General Toxicity - Parent: NOAEL: 400 mg/kg body weight  
Method: OECD Test Guideline 422  
Result: negative

Effects on foetal development : Test Type: reproductive and developmental toxicity study  
Species: Rat  
Application Route: Ingestion  
General Toxicity Maternal: NOAEL: 300 mg/kg body weight  
Developmental Toxicity: NOAEL: 600 mg/kg body weight  
Method: OECD Test Guideline 422  
Result: negative

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

#### 2-ethylhexan-1-ol:

Effects on foetal development : Test Type: Embryo-foetal development  
Species: Mouse  
Application Route: Oral  
Method: OECD Test Guideline 414

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Result: negative

### STOT - single exposure

Not classified based on available information.

#### Components:

##### **pethoxamide (ISO):**

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

##### **2-ethylhexan-1-ol:**

Assessment : May cause respiratory irritation.

### STOT - repeated exposure

Not classified based on available information.

#### Components:

##### **pethoxamide (ISO):**

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

### Repeated dose toxicity

#### Components:

##### **pethoxamide (ISO):**

##### **Solvent naphtha (petroleum), heavy arom.:**

Species : Rat, male and female  
NOAEC : 0,9 - 1,8 mg/l  
Application Route : inhalation (vapour)  
Exposure time : 12 months

##### **calcium dodecylbenzenesulphonate:**

Species : Rat, male and female  
NOAEL : 85 mg/kg  
LOAEL : 145 mg/kg  
Application Route : Oral  
Exposure time : 9 Months  
Remarks : Based on data from similar materials

Species : Rat, male and female  
NOAEL : 100 mg/kg  
LOAEL : 200 mg/kg  
Application Route : Oral  
Exposure time : 28 Days  
Method : OECD Test Guideline 422  
Remarks : Based on data from similar materials

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Species	:	Rat, male
LOAEL	:	286 mg/kg
Application Route	:	Skin contact
Exposure time	:	15 Days
Remarks	:	Based on data from similar materials

### 2-ethylhexan-1-ol:

Species	:	Rat
	:	250 mg/kg
Application Route	:	Oral
Exposure time	:	13 weeks
Method	:	OECD Test Guideline 408

### Aspiration toxicity

May be fatal if swallowed and enters airways.

#### Product:

May be fatal if swallowed and enters airways.

Remarks	:	Based on data from a similar product.
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#### Components:

#### pethoxamide (ISO):

No aspiration toxicity classification

#### Solvent naphtha (petroleum), heavy arom.:

May be fatal if swallowed and enters airways.

## 11.2 Information on other hazards

### Endocrine disrupting properties

#### Product:

Assessment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
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### Experience with human exposure

#### Components:

#### Solvent naphtha (petroleum), heavy arom.:

Skin contact	:	Symptoms: Repeated exposure may cause skin dryness or cracking.
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### Further information

#### Product:

Remarks : Solvents may degrease the skin.

#### Components:

##### **Solvent naphtha (petroleum), heavy arom.:**

Remarks : Vapour concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anaesthetic and may have other central nervous system effects. Prolonged and/or repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 2,2 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 17 mg/l  
aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic : EC50 (Selenastrum capricornutum (green algae)): 0,014 mg/l  
plants Exposure time: 72 h

EC50 (Lemna gibba (duckweed)): 0,053 mg/l  
Exposure time: 7 d

Toxicity to soil dwelling or- : LC50: 435 mg/kg  
ganisms Exposure time: 14 d  
Species: Eisenia fetida (earthworms)

Toxicity to terrestrial organ- : LD50: 169 µg/bee  
isms Exposure time: 48 h  
End point: Acute contact toxicity  
Species: Apis mellifera (bees)

LD50: 333 µg/bee  
Exposure time: 48 h  
End point: Acute oral toxicity  
Species: Apis mellifera (bees)

LD50: 1.450 mg/kg  
Species: Colinus virginianus (Bobwhite quail)

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### Components:

#### **pethoxamide (ISO):**

- |  |   |   |
|--|---|---|
| Toxicity to fish   | : | LC50 (Oncorhynchus mykiss (rainbow trout)): 2,2 mg/l<br>Exposure time: 96 h<br><br>LC50 (Lepomis macrochirus (Bluegill sunfish)): 6,6 mg/l<br>Exposure time: 96 h   |
| Toxicity to daphnia and other aquatic invertebrates                    | : | EC50 (Daphnia magna (Water flea)): 23 mg/l<br>Exposure time: 48 h   |
| Toxicity to algae/aquatic plants                                       | : | EC50 (Selenastrum capricornutum (green algae)): 0,00195 mg/l<br>Exposure time: 72 h<br><br>EC50 (Lemna minor (duckweed)): 0,0095 mg/l<br>Exposure time: 14 d  |
| M-Factor (Acute aquatic toxicity)                                      | : | 100   |
| Toxicity to microorganisms   | : | EC50 (Anabaena flos-aquae (cyanobacterium)): 9,4 mg/l<br>Exposure time: 96 h  |
| Toxicity to fish (Chronic toxicity)                                    | : | NOEC: 1,1 mg/l<br>Exposure time: 28 d<br>Species: Oncorhynchus mykiss (rainbow trout)   |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | NOEC: 2,8 mg/l<br>Exposure time: 21 d<br>Species: Daphnia magna (Water flea)  |
| M-Factor (Chronic aquatic toxicity)                                    | : | 100   |
| Toxicity to soil dwelling organisms                                    | : | LC50: 527 mg/kg<br>Exposure time: 14 d<br>Species: Eisenia fetida (earthworms)  |
| Toxicity to terrestrial organisms                                      | : | LD50: > 200 µg/bee<br>End point: Acute oral toxicity<br>Species: Apis mellifera (bees)<br><br>LD50: > 200 µg/bee<br>End point: Acute contact toxicity<br>Species: Apis mellifera (bees)<br><br>LD50: 1.800 mg/kg<br>Species: Colinus virginianus (Bobwhite quail) |

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### **Solvent naphtha (petroleum), heavy arom.:**

- Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): 2 - 5 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): 1,4 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202
- Toxicity to algae/aquatic plants : EL50 (Pseudokirchneriella subcapitata (green algae)): 1 - 3 mg/l  
Exposure time: 24 h  
Method: OECD Test Guideline 201
- Toxicity to microorganisms : LL50 (Tetrahymena pyriformis): 677,9 mg/l  
Exposure time: 72 h  
Test Type: Growth inhibition
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EL50: 0,89 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 211

### **Tristyrylphenol ethoxylates:**

- Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): 21 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203
- Toxicity to microorganisms :  
Remarks: No data available

### **calcium dodecylbenzenesulphonate:**

- Toxicity to fish : LC50 (Danio rerio (zebra fish)): 10 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203  
Remarks: Based on data from similar materials
- LC50 (Pimephales promelas (fathead minnow)): 4,6 mg/l  
Exposure time: 96 h  
Remarks: Based on data from similar materials
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 3,5 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
Remarks: Based on data from similar materials
- Toxicity to algae/aquatic plants : NOEC (Pseudokirchneriella subcapitata (green algae)): 7,9 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: Based on data from similar materials

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EC50 (*Pseudokirchneriella subcapitata* (green algae)): 65,4 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201

Remarks: Based on data from similar materials

Toxicity to microorganisms : EC50 (activated sludge): 500 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209

Toxicity to fish (Chronic toxicity) : NOEC: 0,23 mg/l  
Exposure time: 30 d  
Species: Fish  
Method: QSAR

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0,253 mg/l  
Exposure time: 30 d  
Species: Daphnia (water flea)  
Method: QSAR

Toxicity to soil dwelling organisms : LC50: 1.000 mg/kg  
Exposure time: 14 d  
Species: *Eisenia fetida* (earthworms)  
Method: OECD Test Guideline 207

Toxicity to terrestrial organisms : LD50: 1.356 mg/kg  
Exposure time: 14 d  
Species: *Colinus virginianus* (Bobwhite quail)  
Method: OECD Test Guideline 223

### 2-ethylhexan-1-ol:

Toxicity to fish : LC50 (*Leuciscus idus* (Golden orfe)): 17,1 - 28,2 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): 39 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC10 (*Desmodesmus subspicatus* (green algae)): 3,2 mg/l  
Exposure time: 72 h

EC50 (*Desmodesmus subspicatus* (green algae)): 11,5 mg/l  
Exposure time: 72 h

Toxicity to microorganisms : EC50 (*Anabaena flos-aquae* (cyanobacterium)): 16,6 mg/l  
Exposure time: 72 h

## 12.2 Persistence and degradability

### Product:

Biodegradability : Remarks: Product contains minor amounts of not readily biodegradable components, which may not be degradable in

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waste water treatment plants.

### Components:

#### **pethoxamide (ISO):**

Biodegradability : Remarks: Not readily biodegradable.

#### **Solvent naphtha (petroleum), heavy arom.:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 58,6 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F  
Remarks: Based on data from similar materials

#### **Tristyrylphenol ethoxylates:**

Biodegradability : Result: Not readily biodegradable.  
Biodegradation: 8 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301

#### **calcium dodecylbenzenesulphonate:**

Biodegradability : Result: Readily biodegradable.  
Method: OECD Test Guideline 301E

#### **2-ethylhexan-1-ol:**

Biodegradability : Result: Readily biodegradable.

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: No data is available on the product itself.

### Components:

#### **pethoxamide (ISO):**

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-  
octanol/water : log Pow: 2,96 (20 °C)  
pH: 5

#### **Solvent naphtha (petroleum), heavy arom.:**

Bioaccumulation : Remarks: The product/substance has a potential to bioaccumulate.

Partition coefficient: n-  
octanol/water : log Pow: 3,72  
Method: QSAR



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### Tristyrylphenol ethoxylates:

Partition coefficient: n-octanol/water : Remarks: No data available

### calcium dodecylbenzenesulphonate:

Bioaccumulation : Species: Fish  
Bioconcentration factor (BCF): 70,79  
Method: QSAR

Partition coefficient: n-octanol/water : log Pow: 4,77 (25 °C)

### 2-ethylhexan-1-ol:

Partition coefficient: n-octanol/water : log Pow: 2,9 (25 °C)

## 12.4 Mobility in soil

### Product:

Distribution among environmental compartments : Remarks: No data is available on the product itself.

### Components:

#### **pethoxamide (ISO):**

Distribution among environmental compartments : Remarks: Moderately mobile in soils

#### **Solvent naphtha (petroleum), heavy arom.:**

Distribution among environmental compartments : Remarks: Expected to partition to sediment and wastewater solids. Moderately volatile.

## 12.5 Results of PBT and vPvB assessment

### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 12.6 Endocrine disrupting properties

### Product:

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

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### 12.7 Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life.  
Very toxic to aquatic life with long lasting effects.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Do not re-use empty containers.  
Packaging that is not properly emptied must be disposed of as the unused product.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: Transport information

### 14.1 UN number or ID number

ADN	: UN 3082
ADR	: UN 3082
RID	: UN 3082
IMDG	: UN 3082
IATA	: UN 3082

### 14.2 UN proper shipping name

ADN	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Pethoxamide, ALKYL(C3-C6)BENZENES)
ADR	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Pethoxamide, ALKYL(C3-C6)BENZENES)
RID	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Pethoxamide, ALKYL(C3-C6)BENZENES)
IMDG	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

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**IATA** : N.O.S.  
(Pethoxamide, ALKYL(C3-C6)BENZENES)  
: Environmentally hazardous substance, liquid, n.o.s.  
(Pethoxamide, ALKYL(C3-C6)BENZENES)

### 14.3 Transport hazard class(es)

	Class	Subsidiary risks
<b>ADN</b>	: 9	
<b>ADR</b>	: 9	
<b>RID</b>	: 9	
<b>IMDG</b>	: 9	
<b>IATA</b>	: 9	

### 14.4 Packing group

**ADN**  
Packing group : III  
Classification Code : M6  
Hazard Identification Number : 90  
Labels : 9

**ADR**  
Packing group : III  
Classification Code : M6  
Hazard Identification Number : 90  
Labels : 9  
Tunnel restriction code : (-)

**RID**  
Packing group : III  
Classification Code : M6  
Hazard Identification Number : 90  
Labels : 9

**IMDG**  
Packing group : III  
Labels : 9  
EmS Code : F-A, S-F

**IATA (Cargo)**  
Packing instruction (cargo aircraft) : 964  
Packing instruction (LQ) : Y964  
Packing group : III  
Labels : Miscellaneous

**IATA (Passenger)**  
Packing instruction (passenger aircraft) : 964  
Packing instruction (LQ) : Y964  
Packing group : III  
Labels : Miscellaneous

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### 14.5 Environmental hazards

#### ADN

Environmentally hazardous : yes

#### ADR

Environmentally hazardous : yes

#### RID

Environmentally hazardous : yes

#### IMDG

Marine pollutant : yes

#### IATA (Passenger)

Environmentally hazardous : yes

#### IATA (Cargo)

Environmentally hazardous : yes

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 3

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

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Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

E1 ENVIRONMENTAL HAZARDS

34 Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams), (d) heavy fuel oils (e) alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points (a) to (d)

### Other regulations:

Chemicals Act  
Environment Protection Act  
Decree on waste  
Decree on the management of packaging and packaging waste  
Rules on the protection of workers from the risks related to exposure to chemical substances at work (Official Gazette of RS, no. 72/21)  
Rules on personal protective equipment used by workers at work

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

### The components of this product are reported in the following inventories:

TCSI	: Not in compliance with the inventory
TSCA	: Product contains substance(s) not listed on TSCA inventory.
AIIC	: Not in compliance with the inventory
DSL	: This product contains the following components that are not on the Canadian DSL nor NDSL.  2-CHLORO-N-(2-ETHOXYETHYL)-N-(2-METHYL-1-PHENYLPROP-1-ENYL)ACETAMIDE
ENCS	: Not in compliance with the inventory
ISHL	: Not in compliance with the inventory
KECI	: Not in compliance with the inventory
PICCS	: Not in compliance with the inventory

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IECSC	:	Not in compliance with the inventory
NZIoC	:	Not in compliance with the inventory
TECI	:	Not in compliance with the inventory

### 15.2 Chemical safety assessment

A chemical safety assessment is not required for this product (mixture).

## SECTION 16: Other information

### Full text of H-Statements

H302	:	Harmful if swallowed.
H304	:	May be fatal if swallowed and enters airways.
H315	:	Causes skin irritation.
H317	:	May cause an allergic skin reaction.
H318	:	Causes serious eye damage.
H319	:	Causes serious eye irritation.
H332	:	Harmful if inhaled.
H335	:	May cause respiratory irritation.
H400	:	Very toxic to aquatic life.
H410	:	Very toxic to aquatic life with long lasting effects.
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.

### Full text of other abbreviations

Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Asp. Tox.	:	Aspiration hazard
Eye Dam.	:	Serious eye damage
Eye Irrit.	:	Eye irritation
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation
STOT SE	:	Specific target organ toxicity - single exposure
2017/164/EU	:	Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values
SI OEL	:	Slovenia. Chemical agents at work - Appendix 1: Occupational exposure limits
2017/164/EU / TWA	:	Limit Value - eight hours
SI OEL / MV	:	Time Weighted Average
SI OEL / KTV	:	Short Term Exposure Limit

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



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associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Classification of the mixture:

Acute Tox. 4	H302
Skin Irrit. 2	H315
Eye Dam. 1	H318
Skin Sens. 1A	H317
Asp. Tox. 1	H304
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

#### Classification procedure:

Based on product data or assessment
Based on product data or assessment
Based on product data or assessment
Based on product data or assessment
Based on product data or assessment
Based on product data or assessment
Calculation method

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### Prepared by

FMC Corporation

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