

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, Annex II and its amendments.



## DOXSTAR® PRO

Version	Revision Date:	SDS Number:	Date of last issue: 05.04.2024
1.1	09.04.2024	800080002922	Date of first issue: 05.04.2024

Corteva Agriscience™ encourages you and expects you to read and understand the entire SDS as there is important information throughout the document. This SDS provides users with information relating to the protection of human health and safety at the workplace, protection of the environment and supports emergency response. Product users and applicators should primarily refer to the product label attached to or accompanying the product container. This Safety Data Sheet adheres to the standards and regulatory requirements of Ireland and may not meet the regulatory requirements in other countries.

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

#### 1.1 Product identifier

Trade name : DOXSTAR® PRO

Unique Formula Identifier (UFI) : 6GN5-V0GW-W00J-4J6N

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

Use of the Substance/Mixture : Plant Protection Product, Herbicide

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

##### COMPANY IDENTIFICATION

##### Manufacturer/importer

Corteva Agriscience UK Limited  
Melbourn Science Park - Cambridge Road - Unit H4, Building H  
Melbourn Cambridgeshire - SG8 6HB  
UNITED KINGDOM

Customer Information Number : +44 8006 89 8899

E-mail address : SDS@corteva.com

#### 1.4 Emergency telephone number

SGS : +353 818 663 627

National Poisons Information Centre (Beaumont Hospital): 01 809 2166 (8 AM - 10 PM)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Skin sensitisation, Sub-category 1B	H317: May cause an allergic skin reaction.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through prolonged or repeated exposure.

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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 : Warning

Hazard statements : H317 May cause an allergic skin reaction.  
H373 May cause damage to organs (Kidney) through prolonged or repeated exposure.  
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
P280 Wear protective gloves/ protective clothing.

**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P391 Collect spillage.

**Disposal:**  
P501 Dispose of contents/container to a licensed waste disposal contractor or collection site except for empty clean triple rinsed containers which can be disposed of as non-hazardous waste.

#### Additional Labelling

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

### 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.

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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. REACH Registration number	Classification	Concentration (% w/w)
fluroxypyr-meptyl (ISO)	81406-37-3 279-752-9 607-272-00-5	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	21.81
Triclopyr-2-butoxyethyl ester	64700-56-7 265-024-8	Acute Tox. 4; H302 Skin Sens. 1; H317 STOT RE 2; H373 (Kidney) Aquatic Acute 1; H400 Aquatic Chronic 1; H410  M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 10	20.45
Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt	1335202-81-7 01-2119560592-37	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412	$\geq 3 - < 10$
2-methylpropan-1-ol	78-83-1 201-148-0 603-108-00-1	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H336 (Central nervous system) STOT SE 3; H335 (Respiratory system)	$\geq 1 - < 3$

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

Protection of first-aiders : First Aid responders should pay attention to self-protection

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and use the recommended protective clothing (chemical resistant gloves, splash protection).  
If potential for exposure exists refer to Section 8 for specific personal protective equipment.

- If inhaled : Move person to fresh air. If person is not breathing, call an emergency responder or ambulance, then give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask etc). Call a poison control center or doctor for treatment advice.
- In case of skin contact : Take off contaminated clothing. Wash skin with soap and plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.  
Wash clothing before reuse. Shoes and other leather items which cannot be decontaminated should be disposed of properly.
- In case of eye contact : Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.  
Suitable emergency eye wash facility should be available in work area.
- If swallowed : Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.  
Never give anything by mouth to an unconscious person.

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

None known.

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

Treatment : Skin contact may aggravate preexisting dermatitis.

No specific antidote.

Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.  
Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Water spray  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing : Do not use direct water stream.

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media High volume water jet

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

Specific hazards during fire-fighting : Exposure to combustion products may be a hazard to health. Vapours may form explosive mixtures with air. Do not allow run-off from fire fighting to enter drains or water courses. Flash back possible over considerable distance.

Hazardous combustion products : Nitrogen oxides (NOx)  
Carbon oxides

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Specific extinguishing methods : Remove undamaged containers from fire area if it is safe to do so. Evacuate area. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. 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.

Further information : Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. Do not use a solid water stream as it may scatter and spread fire. Use a water spray to cool fully closed containers. 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.

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## SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

### 6.2 Environmental precautions

Environmental precautions : If the product contaminates rivers and lakes or drains inform respective authorities. Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so.

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Prevent spreading over a wide area (e.g. by containment or oil barriers).  
Retain and dispose of contaminated wash water.  
Local authorities should be advised if significant spillages cannot be contained.  
Prevent from entering into soil, ditches, sewers, underwater.  
See Section 12, Ecological Information.

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

Methods for cleaning up : Clean up remaining materials from spill with suitable absorbent.  
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in.  
For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped,  
Recovered material should be stored in a vented container.  
The vent must prevent the ingress of water as further reaction with spilled materials can take place which could lead to over-pressurization of the container.  
Keep in suitable, closed containers for disposal.  
Wipe up with absorbent material (e.g. cloth, fleece).  
Non-sparking tools should be used.  
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).  
Suppress (knock down) gases/vapours/mists with a water spray jet.  
See Section 13, Disposal Considerations, for additional information.

### 6.4 Reference to other sections

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

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Local/Total ventilation : Use with local exhaust ventilation.  
Advice on safe handling : Avoid formation of aerosol.  
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.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Do not breathe vapours/dust.  
Do not smoke.  
Handle in accordance with good industrial hygiene and safety practice.  
Avoid exposure - obtain special instructions before use.

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Smoking, eating and drinking should be prohibited in the application area.  
Do not get on skin or clothing.  
Avoid inhalation of vapour or mist.  
Do not swallow.  
Avoid contact with skin and eyes.  
Avoid contact with eyes.  
Keep container tightly closed.  
Keep away from heat and sources of ignition.  
Take precautionary measures against static discharges.  
Take care to prevent spills, waste and minimize release to the environment.  
Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

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

Requirements for storage areas and containers : Store in a closed container. No smoking. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in properly labelled containers. Store in accordance with the particular national regulations.

Advice on common storage : Strong oxidizing agents  
Explosives  
Gases

Packaging material : Unsuitable material: None known.

### 7.3 Specific end use(s)

Specific use(s) : Plant protection products subject to Regulation (EC) No 1107/2009.

## 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-methylpropan-1-ol	78-83-1	Occupational exposure limit value (15-minute reference period)	75 ppm 225 mg/m <sup>3</sup>	IE OEL
		Occupational exposure limit value (8-hour reference period)	50 ppm 150 mg/m <sup>3</sup>	IE OEL
		Short term exposure limit	75 ppm	Corteva OEL
		Time weighted average	50 ppm	Corteva OEL

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

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Substance name	End Use	Exposure routes	Potential health effects	Value
2-methylpropan-1-ol	Workers	Skin contact	Acute systemic effects	
Remarks:No data available				
	Workers	Inhalation	Acute systemic effects	
Remarks:No data available				
	Workers	Skin contact	Acute systemic effects	
Remarks:No data available				
	Workers	Inhalation	Acute systemic effects	
Remarks:No data available				
	Workers	Skin contact	Long-term systemic effects	
Remarks:No data available				
	Workers	Inhalation	Long-term systemic effects	
Remarks:No data available				
	Workers	Skin contact	Long-term local effects	
Remarks:No data available				
	Workers	Inhalation	Long-term local effects	310 mg/m3
	Consumers	Skin contact	Acute systemic effects	
Remarks:No data available				
	Consumers	Inhalation	Acute systemic effects	
Remarks:No data available				
	Consumers	Skin contact	Acute local effects	
Remarks:No data available				
	Consumers	Inhalation	Acute local effects	
Remarks:No data available				
	Consumers	Skin contact	Long-term systemic effects	
Remarks:No data available				
	Consumers	Inhalation	Long-term systemic effects	
Remarks:No data available				
	Consumers	Skin contact	Long-term local effects	
Remarks:No data available				
	Consumers	Ingestion	Long-term local effects	25 mg/kg bw/day
	Consumers	Inhalation	Long-term local effects	55 mg/m3

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

Substance name	Environmental Compartment	Value
2-methylpropan-1-ol	Fresh water	0.4 mg/l



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	Marine water	0.04 mg/l
	Intermittent use/release	11 mg/l
	Sewage treatment plant	10 mg/l
	Soil	0.0699 mg/kg dry weight (d.w.)
	Fresh water sediment	1.52 mg/kg dry weight (d.w.)
	Marine sediment	0.152 mg/kg dry weight (d.w.)

### 8.2 Exposure controls

#### Engineering measures

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations.

Local exhaust ventilation may be necessary for some operations.

#### Personal protective equipment

Eye/face protection : Use chemical goggles.  
Chemical goggles should be consistent with EN 166 or equivalent.

Hand protection

Remarks : Use chemical resistant gloves classified under Standard EN374: Protective gloves against chemicals and micro-organisms. Examples of preferred glove barrier materials include: Butyl rubber. Chlorinated polyethylene. Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Examples of acceptable glove barrier materials include: Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyvinyl chloride ("PVC" or "vinyl"). Viton. When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374) is recommended. Glove thickness alone is not a good indicator of the level of protection a glove provides against a chemical substance as this level of protection is also highly dependent on the specific composition of the material that the glove is fabricated from. The thickness of the glove must, depending on model and type of material, generally be more than 0.35 mm to offer sufficient protection for prolonged and frequent contact with the substance. As an exception to this general rule it is known that multilayer laminate gloves may offer prolonged protection at thicknesses less than 0.35 mm. Other glove materials with a thickness of less than 0.35 mm may offer sufficient protection when only brief contact is expected. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture

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protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

Skin and body protection : Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

Respiratory protection : Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Physical state : Liquid.

Colour : Yellow

Odour : Mild

Odour Threshold : No data available

Melting point/range : No data available

Freezing point : No data available

Boiling point/boiling range : No data available

Flammability : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Flash point : 85 °C  
Method: ASTM D 93, closed cup  
GLP: yes

Auto-ignition temperature : No data available

pH : 5.15 (24.0 °C)  
Concentration: 1 %  
GLP: yes

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Viscosity  
Viscosity, dynamic : 20.5 mPa,s (20 °C)  
Method: OECD 114  
GLP: yes

9.56 mPa,s (40 °C)  
Method: OECD 114  
GLP: yes

Solubility(ies)  
Water solubility : Emulsion

Vapour pressure : No data available

Density : 1.02 g/cm<sup>3</sup> (20 °C)  
GLP: yes

Bulk density : No data available

Relative vapour density : No data available

### 9.2 Other information

Explosives : No  
Method: Thermal  
GLP: yes

Oxidizing properties : No

Reference substance: Monoammonium phosphateGLP: yes

Evaporation rate : No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Not classified as a reactivity hazard.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.  
Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.  
No hazards to be specially mentioned.  
Vapours may form explosive mixture with air.  
May form explosive dust-air mixture.

### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

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### 10.5 Incompatible materials

Materials to avoid : Strong acids  
Strong bases

### 10.6 Hazardous decomposition products

Carbon oxides

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## SECTION 11: Toxicological information

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

#### Acute toxicity

##### Product:

Acute oral toxicity : LD50 (Rat): 3,899 mg/kg  
GLP: yes

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg  
Symptoms: No deaths occurred at this concentration.  
GLP: yes

##### Components:

##### **fluroxypyr-meptyl (ISO):**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Symptoms: No deaths occurred at this concentration.  
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : LC50 (Rat, male and female): > 1.16 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Symptoms: No deaths occurred at this concentration.  
Assessment: The substance or mixture has no acute inhalation toxicity  
Remarks: Maximum attainable concentration.

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Symptoms: No deaths occurred at this concentration.  
Assessment: The substance or mixture has no acute dermal toxicity

##### **Triclopyr-2-butoxyethyl ester:**

Acute oral toxicity : LD50 (Rat, male and female): 803 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 4.8 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Symptoms: The LC50 value is greater than the Maximum

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Attainable Concentration.  
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Symptoms: No deaths occurred at this concentration.  
Assessment: The substance or mixture has no acute dermal toxicity

### **Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:**

Acute oral toxicity : LD50 (Rat, female): 4,445 mg/kg

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg  
Assessment: The substance or mixture has no acute dermal toxicity

### **2-methylpropan-1-ol:**

Acute oral toxicity : LD50 (Rat, female): 3,350 mg/kg  
Method: OECD 401 or equivalent

Acute inhalation toxicity : LC50 (Rat, male and female): > 28.2 mg/l  
Exposure time: 6 h  
Test atmosphere: vapour  
Assessment: The substance or mixture has no acute inhalation toxicity

LC50 (Rat, male and female): > 8000 ppm  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit, male and female): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
Target Organs: Central nervous system  
Symptoms: No deaths occurred at this concentration.

### **Skin corrosion/irritation**

#### **Product:**

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

#### **Components:**

##### **fluroxypyr-meptyl (ISO):**

Species : Rabbit  
Result : No skin irritation

##### **Triclopyr-2-butoxyethyl ester:**

Species : Rabbit

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Result : No skin irritation

### **Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:**

Result : Skin irritation

### **2-methylpropan-1-ol:**

Species : Rabbit

Result : Skin irritation

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

#### **Product:**

Species : Rabbit

Method : OECD Test Guideline 405

Result : No eye irritation

#### **Components:**

##### **Triclopyr-2-butoxyethyl ester:**

Species : Rabbit

Result : No eye irritation

### **Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:**

Result : Corrosive

### **2-methylpropan-1-ol:**

Species : Rabbit

Result : Corrosive

### **Respiratory or skin sensitisation**

#### **Product:**

Assessment : The product is a skin sensitiser, sub-category 1B.

#### **Components:**

##### **fluroxypyr-meptyl (ISO):**

Species : Guinea pig

Assessment : Does not cause skin sensitisation.

##### **Triclopyr-2-butoxyethyl ester:**

Species : Guinea pig

Assessment : The product is a skin sensitiser, sub-category 1B.

### **Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:**

Remarks : For skin sensitization:

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Did not cause allergic skin reactions when tested in guinea pigs.

Remarks : For respiratory sensitization:  
No relevant data found.

### Germ cell mutagenicity

#### Components:

##### **fluroxypyr-meptyl (ISO):**

Germ cell mutagenicity- Assessment : In vitro genetic toxicity studies were negative., Animal genetic toxicity studies were negative.

##### **Triclopyr-2-butoxyethyl ester:**

Germ cell mutagenicity- Assessment : In vitro genetic toxicity studies were negative., Animal genetic toxicity studies were negative.

##### **Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:**

Germ cell mutagenicity- Assessment : In vitro genetic toxicity studies were negative., Animal genetic toxicity studies were negative.

##### **2-methylpropan-1-ol:**

Germ cell mutagenicity- Assessment : In vitro genetic toxicity studies were predominantly negative., Animal genetic toxicity studies were negative.

### Carcinogenicity

#### Components:

##### **fluroxypyr-meptyl (ISO):**

Carcinogenicity - Assessment : For similar active ingredient(s)., Fluroxypyr., Did not cause cancer in laboratory animals.

##### **Triclopyr-2-butoxyethyl ester:**

Carcinogenicity - Assessment : For similar active ingredient(s)., Triclopyr., Did not cause cancer in laboratory animals.

##### **2-methylpropan-1-ol:**

Carcinogenicity - Assessment : Available data are inadequate to evaluate carcinogenicity.

### Reproductive toxicity

#### Components:

##### **fluroxypyr-meptyl (ISO):**

Reproductive toxicity - Assessment : In animal studies, did not interfere with reproduction.  
Has been toxic to the fetus in laboratory animals at doses

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toxic to the mother., Did not cause birth defects in laboratory animals.

### Triclopyr-2-butoxyethyl ester:

Reproductive toxicity - Assessment : For similar active ingredient(s), Triclopyr., In laboratory animal studies, effects on reproduction have been seen only at doses that produced significant toxicity to the parent animals. Has been toxic to the fetus in laboratory animals at doses toxic to the mother., Did not cause birth defects in laboratory animals.

### Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:

Reproductive toxicity - Assessment : In animal studies, did not interfere with reproduction. Did not cause birth defects or any other fetal effects in laboratory animals.

### 2-methylpropan-1-ol:

Reproductive toxicity - Assessment : In animal studies, did not interfere with reproduction. Did not cause birth defects or other effects in the fetus even at doses which caused toxic effects in the mother.

## STOT - single exposure

### Components:

#### Triclopyr-2-butoxyethyl ester:

Assessment : Evaluation of available data suggests that this material is not an STOT-SE toxicant.

#### 2-methylpropan-1-ol:

Exposure routes : Inhalation  
Target Organs : Nervous system  
Assessment : May cause drowsiness or dizziness.

Exposure routes : Inhalation  
Target Organs : Respiratory Tract  
Assessment : May cause respiratory irritation.

## STOT - repeated exposure

### Components:

#### Triclopyr-2-butoxyethyl ester:

Target Organs : Kidney  
Assessment : May cause damage to organs through prolonged or repeated exposure.



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### Repeated dose toxicity

#### Components:

##### **fluroxypyr-meptyl (ISO):**

Remarks : Based on available data, repeated exposures are not anticipated to cause significant adverse effects.

##### **Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:**

Remarks : Based on available data, repeated exposures are not anticipated to cause significant adverse effects.

##### **2-methylpropan-1-ol:**

Remarks : In animals, effects have been reported on the following organs:  
Liver.  
Central nervous system.  
Observations in animals include:  
Anesthetic or narcotic effects.

### Aspiration toxicity

#### Product:

Based on physical properties, not likely to be an aspiration hazard.

#### Components:

##### **fluroxypyr-meptyl (ISO):**

Based on physical properties, not likely to be an aspiration hazard.

##### **Triclopyr-2-butoxyethyl ester:**

Based on physical properties, not likely to be an aspiration hazard.

##### **Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:**

Based on physical properties, not likely to be an aspiration hazard.

##### **2-methylpropan-1-ol:**

Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage or even death due to chemical pneumonia.

## 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

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(EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### SECTION 12: Ecological information

#### 12.1 Toxicity

##### Product:

- Toxicity to fish : Remarks: Material is very toxic to aquatic organisms (LC50/EC50/IC50 below 1 mg/L in the most sensitive species).
- LC50 (Oncorhynchus mykiss (rainbow trout)): 4.48 mg/l  
Exposure time: 96 h  
Test Type: flow-through test  
Method: OECD Test Guideline 203 or Equivalent
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 32 mg/l  
Exposure time: 48 h  
Test Type: semi-static test  
Method: OECD Test Guideline 202 or Equivalent
- Toxicity to algae/aquatic plants : ErC50 (diatom Navicula sp.): 0.854 mg/l  
End point: Growth rate inhibition  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201 or Equivalent
- NOEC (Myriophyllum spicatum): 0.0977 mg/l  
End point: Growth inhibition  
Exposure time: 14 d  
Test Type: Growth inhibition
- Toxicity to soil dwelling organisms : LC50: > 2,000 mg/kg  
Exposure time: 14 d  
Species: Eisenia fetida (earthworms)  
GLP:yes
- Toxicity to terrestrial organisms : oral LD50: > 217.4 micrograms/bee  
Exposure time: 48 h  
Species: Apis mellifera (bees)
- contact LD50: > 200 micrograms/bee  
Exposure time: 48 h  
Species: Apis mellifera (bees)

##### Components:

##### **fluroxypyr-meptyl (ISO):**

- Toxicity to fish : Remarks: Material is very toxic to aquatic organisms (LC50/EC50/IC50 below 1 mg/L in the most sensitive spe-

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LC50 (Oncorhynchus mykiss (rainbow trout)): > 0.225 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Method: OECD Test Guideline 203 or Equivalent

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 0.183 mg/l  
Exposure time: 48 h  
Test Type: semi-static test  
Method: OECD Test Guideline 202 or Equivalent

Toxicity to algae/aquatic plants : ErC50 (diatom Navicula sp.): 0.24 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201 or Equivalent

EbC50 (alga Scenedesmus sp.): > 0.47 mg/l  
Exposure time: 72 h

ErC50 (Selenastrum capricornutum (green algae)): > 1.410 mg/l  
Exposure time: 96 h

ErC50 (Myriophyllum spicatum): 0.075 mg/l  
Exposure time: 14 d

NOEC (Myriophyllum spicatum): 0.031 mg/l  
Exposure time: 14 d

Toxicity to fish (Chronic toxicity) : NOEC: 0.32 mg/l  
Species: Rainbow trout (Oncorhynchus mykiss)

Toxicity to soil dwelling organisms : LC50: > 1,000 mg/kg  
Species: Eisenia fetida (earthworms)

Toxicity to terrestrial organisms : Remarks: Material is practically non-toxic to birds on an acute basis (LD50 > 2000 mg/kg).  
Material is practically non-toxic to birds on a dietary basis (LC50 > 5000 ppm).

oral LD50: > 2000 mg/kg bodyweight.  
Exposure time: 5 d  
Species: Colinus virginianus (Bobwhite quail)

dietary LC50: > 5000 mg/kg diet.  
Species: Colinus virginianus (Bobwhite quail)

oral LD50: > 100 micrograms/bee  
Exposure time: 48 h  
Species: Apis mellifera (bees)

contact LD50: > 100 micrograms/bee

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Exposure time: 48 h  
Species: Apis mellifera (bees)

### Triclopyr-2-butoxyethyl ester:

- Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 0.36 mg/l  
Exposure time: 96 h  
Test Type: flow-through test
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 2.9 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202
- Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): > 3.00 mg/l  
End point: Growth rate inhibition  
Exposure time: 96 h  
Method: OECD Test Guideline 201
- ErC50 (Myriophyllum spicatum): 0.0473 mg/l  
Exposure time: 14 d
- NOEC (Myriophyllum spicatum): 0.00722 mg/l  
Exposure time: 14 d
- M-Factor (Acute aquatic toxicity) : 10
- Toxicity to fish (Chronic toxicity) : NOEC: 0.0263 mg/l  
Species: Rainbow trout (Oncorhynchus mykiss)
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 1.6 mg/l  
End point: number of offspring  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)
- LOEC: 5.1 mg/l  
End point: number of offspring  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)
- MATC (Maximum Acceptable Toxicant Level): 2.9 mg/l  
End point: number of offspring  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)
- M-Factor (Chronic aquatic toxicity) : 10
- Toxicity to soil dwelling organisms : LC50: > 521 mg/kg  
Exposure time: 14 d  
Species: Eisenia fetida (earthworms)
- Toxicity to terrestrial organ- : oral LD50: 735 mg/kg bodyweight.

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Exposure time: 21 d  
Species: *Colinus virginianus* (Bobwhite quail)

dietary LC50: 1890 mg/kg diet.  
Exposure time: 8 d  
Species: *Colinus virginianus* (Bobwhite quail)

oral LD50: > 110 µg/bee  
Exposure time: 48 h  
End point: mortality  
Species: *Apis mellifera* (bees)

contact LD50: > 100 µg/bee  
Exposure time: 48 h  
End point: mortality  
Species: *Apis mellifera* (bees)

### **Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:**

Toxicity to fish : Remarks: Material is moderately toxic to aquatic organisms on an acute basis (LC50/EC50 between 1 and 10 mg/L in the most sensitive species tested).

Remarks: Material is toxic to aquatic organisms (LC50/EC50/IC50 between 1 and 10 mg/L in the most sensitive species).

LC50 (Fish): > 1 - 10 mg/l  
Exposure time: 96 h  
Test Type: Static

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): 2.9 mg/l  
Exposure time: 48 h  
Test Type: Static

Toxicity to algae/aquatic plants : EC50 (Algae): 29 mg/l  
Exposure time: 96 h  
Test Type: Static

Toxicity to microorganisms : EC50 (Bacteria): 550 mg/l  
Exposure time: 3 h

Toxicity to fish (Chronic toxicity) : 0.23 mg/l  
Exposure time: 72 d  
Species: Fish  
Test Type: flow-through

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : 1.18 mg/l  
Exposure time: 21 d  
Species: *Daphnia magna* (Water flea)  
Test Type: flow-through test

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### Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

### 2-methylpropan-1-ol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 1,430 mg/l  
Exposure time: 96 h  
Test Type: flow-through test  
Method: OECD Test Guideline 203 or Equivalent

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): 1,100 mg/l  
Exposure time: 48 h  
Test Type: static test

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (green algae)): 1,799 mg/l  
End point: Growth rate inhibition  
Exposure time: 72 h  
Test Type: static test

Toxicity to microorganisms : IC50 (activated sludge): > 1,000 mg/l  
End point: Growth inhibition  
Exposure time: 16 h  
Test Type: static test

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 20 mg/l  
End point: number of offspring  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)

MATC (Maximum Acceptable Toxicant Level): 28 mg/l  
End point: number of offspring  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)

## 12.2 Persistence and degradability

### Components:

#### fluroxypyr-meptyl (ISO):

Biodegradability : Result: Not biodegradable  
Remarks: Material is not readily biodegradable according to OECD/EEC guidelines.

Biodegradation: 32 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301D or Equivalent  
Remarks: 10-day Window: Fail

ThOD : 2.2 kg/kg

Stability in water : Test Type: Hydrolysis  
Degradation half life: 454 d

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### Triclopyr-2-butoxyethyl ester:

Biodegradability : Result: Not biodegradable  
Biodegradation: 18 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B or Equivalent  
Remarks: 10-day Window: Fail

Biochemical Oxygen Demand (BOD) : 0.004 kg/kg  
ThOD : 1.21 kg/kg

Stability in water : Test Type: Hydrolysis  
Degradation half life (half-life): 8.7 d (25 °C)  
pH: 7

Photodegradation : Rate constant: 2.3E-11 cm<sup>3</sup>/s  
Method: Estimated.

### Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:

Biodegradability : Remarks: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability.

Result: Readily biodegradable.  
Biodegradation: 100 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B or Equivalent  
Remarks: 10-day Window: Pass

### 2-methylpropan-1-ol:

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 70 - 80 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301D or Equivalent  
Remarks: 10-day Window: Pass

Inoculum: activated sludge  
Biodegradation: 90 %  
Exposure time: 14 d  
Method: OECD Test Guideline 301C or Equivalent  
Remarks: 10-day Window: Not applicable

## 12.3 Bioaccumulative potential

### Components:

#### fluroxypyr-meptyl (ISO):

Bioaccumulation : Species: Oncorhynchus mykiss (rainbow trout)  
Bioconcentration factor (BCF): 26  
Method: Measured

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Partition coefficient: n-octanol/water :  
log Pow: 5.04  
Method: Measured  
Remarks: Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

### Triclopyr-2-butoxyethyl ester:

Bioaccumulation : Species: Fish  
Bioconcentration factor (BCF): 110

Partition coefficient: n-octanol/water : log Pow: 4.62  
pH: 7  
Remarks: Bioconcentration potential is moderate (BCF between 100 and 3000 or Log Pow between 3 and 5).

### Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:

Bioaccumulation : Bioconcentration factor (BCF): 2 - 1,000

Partition coefficient: n-octanol/water :  
log Pow: 2.89  
Remarks: Bioconcentration potential is moderate (BCF between 100 and 3000 or Log Pow between 3 and 5).

### 2-methylpropan-1-ol:

Bioaccumulation : Bioconcentration factor (BCF): 2  
Method: Estimated.

Partition coefficient: n-octanol/water : log Pow: 0.76  
Method: Measured  
Remarks: Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

## 12.4 Mobility in soil

### Components:

#### fluroxypyr-meptyl (ISO):

Distribution among environmental compartments : Koc: 6200 - 43000  
Remarks: Expected to be relatively immobile in soil (Koc > 5000).

#### Triclopyr-2-butoxyethyl ester:

Distribution among environmental compartments : Remarks: Calculation of meaningful sorption data was not possible due to very rapid degradation in the soil.  
For the degradation product:  
Triclopyr.  
Potential for mobility in soil is very high (Koc between 0 and



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Stability in soil : Test Type: aerobic degradation  
Dissipation time: 144 - 1,248 h

### **Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:**

Distribution among environmental compartments : Remarks: No relevant data found.

### **2-methylpropan-1-ol:**

Distribution among environmental compartments : Koc: 2  
Method: Estimated.  
Remarks: Potential for mobility in soil is very high (Koc between 0 and 50).

## 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.

### **Components:**

#### **fluroxypyr-meptyl (ISO):**

Assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).. This substance is not considered to be very persistent and very bioaccumulating (vPvB).

#### **Triclopyr-2-butoxyethyl ester:**

Assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).. This substance is not considered to be very persistent and very bioaccumulating (vPvB).

#### **Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:**

Assessment : This substance has not been assessed for persistence, bioaccumulation and toxicity (PBT).

#### **2-methylpropan-1-ol:**

Assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT).. This substance is not considered to be very persistent and very bioaccumulating (vPvB).

## 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

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(EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

#### Components:

##### **fluroxypyr-meptyl (ISO):**

Ozone-Depletion Potential : Remarks: This substance is not on the Montreal Protocol list of substances that deplete the ozone layer.

##### **Triclopyr-2-butoxyethyl ester:**

Ozone-Depletion Potential : Remarks: This substance is not on the Montreal Protocol list of substances that deplete the ozone layer.

##### **Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt:**

Ozone-Depletion Potential : Remarks: This substance is not on the Montreal Protocol list of substances that deplete the ozone layer.

##### **2-methylpropan-1-ol:**

Ozone-Depletion Potential : Remarks: This substance is not on the Montreal Protocol list of substances that deplete the ozone layer.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.  
If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

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## SECTION 14: Transport information

### 14.1 UN number or ID number

ADR : UN 3082  
RID : UN 3082

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**IMDG** : UN 3082

**IATA** : UN 3082

### 14.2 UN proper shipping name

**ADR** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Triclopyr, Fluroxypyr)

**RID** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Triclopyr, Fluroxypyr)

**IMDG** : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Triclopyr, Fluroxypyr)

**IATA** : Environmentally hazardous substance, liquid, n.o.s.  
(Triclopyr, Fluroxypyr)

### 14.3 Transport hazard class(es)

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

### 14.4 Packing group

**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  
Remarks : Stowage category A

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

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Labels : Miscellaneous

### IATA (Passenger)

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

### 14.5 Environmental hazards

#### ADR

Environmentally hazardous : yes

#### RID

Environmentally hazardous : yes

#### IMDG

Marine pollutant : yes(Triclopyr, Fluroxypyr)

### 14.6 Special precautions for user

Marine Pollutants assigned UN number 3077 and 3082 in single or combination packaging containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 KG or less for solids may be transported as non-dangerous goods as provided in section 2.10.2.7 of IMDG code, IATA Special provision A197, and ADR/RID special provision 375.

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.

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## SECTION 15: Regulatory information

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

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

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving E1 ENVIRONMENTAL HAZARDS

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dangerous substances.

### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance when it is used in the specified applications.

The mixture is evaluated within the frame of the provisions of Regulation (EC) No. 1107/2009. Refer to the label for exposure assessment information.

## SECTION 16: Other information

### Information Source and References

This SDS is prepared by Product Regulatory Services and Hazard Communications Groups from information supplied by internal references within our company.

### Full text of H-Statements

H226	: Flammable liquid and vapour.
H302	: Harmful if swallowed.
H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H335	: May cause respiratory irritation.
H336	: May cause drowsiness or dizziness.
H373	: May cause damage to organs through prolonged or repeated exposure.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.
H412	: Harmful to aquatic life with long lasting effects.

### Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Eye Dam.	: Serious eye damage
Flam. Liq.	: Flammable liquids
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation
STOT RE	: Specific target organ toxicity - repeated exposure
STOT SE	: Specific target organ toxicity - single exposure
Corteva OEL	: Corteva Occupational Exposure Limit
IE OEL	: List of Chemical Agents and Carcinogens with Occupational Exposure Limit Values - Code of Practice, Schedule 1 and 2
Corteva OEL / STEL	: Short term exposure limit
Corteva OEL / TWA	: Time weighted average
IE OEL / OELV - 8 hrs (TWA)	: Occupational exposure limit value (8-hour reference period)
IE OEL / OELV - 15 min (STEL)	: Occupational exposure limit value (15-minute reference period)

ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; ASTM - American Society for the Testing of Materials; ECx - Concentration associated with x% response;

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according to Regulation (EC) No. 1907/2006, Annex II and its amendments.



## DOXSTAR® PRO

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EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; 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; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; 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; NOEC - Non-Observed Effective Concentration; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; (Q)SAR - (Quantitative) Structure Activity Relationship; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SDS - Safety Data Sheet; UN - United Nations.

EC-Number - European Community number REACH - Regulation (EC) No 1907/2006 of the European Parliament and of Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.

### Further information

#### Classification of the mixture:

Skin Sens. 1B	H317
STOT RE 2	H373
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

#### Classification procedure:

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

Product code: GF-2044

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