

**DELARO FORTE** 

1/14 Version 1/IRL Revision Date: 27.01.2023 102000032772 Print Date: 27.01.2023

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE **COMPANY/UNDERTAKING**

1.1 Product identifier

Trade name **DELARO FORTE** 

UFI PHF2-40RR-H00Y-728V

**Product code (UVP)** 85368443

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

Use Fungicide

1.3 Details of the supplier of the safety data sheet

Supplier Bayer CropScience Ltd

Bayer Ltd

1st Floor, The Grange Offices The Grange, Brewery Road

Stillorgan

A94 H2K7 Co. Dublin

Ireland

**Telephone** +353 1 216 3300

**Responsible Department** Email: gb-bcs-crop-regulatory-affairs@bayer.com

1.4 Emergency telephone no.

Emergency telephone no. 00800 1020 3333 (24 hr) (not available on non-contract mobile phones)

For Medical Professionals: You can also contact Dublin NPIS.

For Members of the Public: You can also contact 01 809 2166 (for Republic of Ireland).

### **SECTION 2: HAZARDS IDENTIFICATION**

### 2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.

Acute toxicity: Category 4

Harmful if inhaled. H332

Eye irritation: Category 2

H319 Causes serious eye irritation.

Skin sensitisation: Category 1

H317 May cause an allergic skin reaction.

Reproductive toxicity: Category 2

H361d Suspected of damaging the unborn child.



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Effects on or via lactation:

H362 May cause harm to breast-fed children.

Specific target organ toxicity - repeated exposure: Category 2

H373 May cause damage to organs through prolonged or repeated exposure.

Acute aquatic toxicity: Category 1

H400 Very toxic to aquatic life.

Chronic aquatic toxicity: Category 1

H410 Very toxic to aquatic life with long lasting effects.

Skin irritation: Category 2

H315 Causes skin irritation.

#### 2.2 Label elements

Labelling in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.

Hazard label for supply/use required.







### Signal word: Warning

### **Hazard statements**

H332	Harmful if inhaled.

H319 Causes serious eye irritation. H317 May cause an allergic skin reaction.

H315 Causes skin irritation.

H361d Suspected of damaging the unborn child. H362 May cause harm to breast-fed children.

H373 May cause damage to organs through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

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

use.

### **Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P260 Do not breathe mist or vapours.

P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor/ physician.

P391 Collect spillage.
P410 Protect from sunlight.

P501 Dispose of contents/container to a licensed hazardous waste disposal contractor or

collection site, except for triple rinsed empty containers which can be disposed of as

non-hazardous waste.

### 2.3 Other hazards

No additional hazards known beside those mentioned.

Prothioconazole: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB). Spiroxamine: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is



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

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

### **Chemical nature**

Emulsifiable concentrate (EC)

Prothioconazole/Spiroxamine/Trifloxystrobin 93.3:107:80 g/l

# **Hazardous components**

Hazard statements according to Regulation (EC) No. 1272/2008

Name	CAS-No. /	Classification	Conc. [%]
	EC-No. / REACH Reg. No.	REGULATION (EC) No 1272/2008	
Prothioconazole	178928-70-6	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	8.72
Spiroxamine	118134-30-8	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT RE 2, H373 Repr. 2, H361d Aquatic Acute 1, H400 Aquatic Chronic 1, H410	
Trifloxystrobin	141517-21-7	Skin Sens. 1, H317 Lact. H362 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	7.48
N,N-Dimethyl decanamide	14433-76-2 238-405-1 01-2119485027-36-XXXX	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 3, H412	>= 10.0 - < 20.0
2-Ethylhexanol propylene ethyleneglycol ether	64366-70-7	Acute Tox. 4, H332 Aquatic Chronic 3, H412	>= 1.0 - < 25.0
Alkylarylpolyglycol ether	104376-75-2	Aquatic Chronic 2, H411	>= 1.0 - < 25.0
Tristyrylphenol	114535-82-9	Eye Irrit. 2, H319	>= 1.0 - <



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I	polyethylenglycol		3.0
	phosphoric acid ester		

### **Further information**

Prothioconazole	178928-70-6	M-Factor: 10 (acute), 1 (chronic)	
Spiroxamine	118134-30-8	M-Factor: 100 (acute), 100 (chronic)	
Trifloxystrobin 141517-21-7		M-Factor: 100 (acute), 10 (chronic)	

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### Particle characteristics

This substance/ mixture does not contain nanoforms

### **SECTION 4: FIRST AID MEASURES**

# 4.1 Description of first aid measures

General advice Move out of dangerous area. Place and transport victim in stable

position (lying sideways). Remove contaminated clothing immediately

and dispose of safely.

Inhalation Move to fresh air. Keep patient warm and at rest. If symptoms persist,

call a physician.

Skin contact Wash off thoroughly with plenty of soap and water, if available with

polyethyleneglycol 400, subsequently rinse with water. Call a physician

or poison control center immediately.

Rinse immediately with plenty of water, also under the eyelids, for at Eye contact

least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control

center immediately.

Rinse mouth. Do NOT induce vomiting. Call a physician or poison Ingestion

control center immediately.

4.2 Most important symptoms and effects, both acute and delayed

**Symptoms** No symptoms known or expected.

4.3 Indication of any immediate medical attention and special treatment needed

**Treatment** Treat symptomatically. In case of ingestion gastric lavage should be

considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable. There is no specific antidote.

### **SECTION 5: FIREFIGHTING MEASURES**

5.1 Extinguishing media

Suitable Water spray, Carbon dioxide (CO2), Alcohol-resistant foam, Sand

Unsuitable High volume water jet



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5.2 Special hazards arising from the substance or mixture

In the event of fire the following may be released:, Hydrogen fluoride, Hydrogen chloride (HCl), Hydrogen cyanide (hydrocyanic acid), Carbon monoxide (CO), Carbon dioxide (CO2), Sulphur oxides, Nitrogen oxides (NOx)

5.3 Advice for firefighters

Special protective equipment for firefighters

In the event of fire and/or explosion do not breathe fumes. Wear self-contained breathing apparatus and protective suit.

**Further information** Contain the spread of the fire-fighting media. Do not allow run-off from

fire fighting to enter drains or water courses.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

**Precautions** Avoid contact with spilled product or contaminated surfaces. Use

personal protective equipment.

6.2 Environmental precautions

Do not allow to get into surface water, drains and ground water.

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

environmental regulations. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed

container.

6.4 Reference to other

sections

Information regarding safe handling, see section 7.

Information regarding personal protective equipment, see section 8.

Information regarding waste disposal, see section 13.

### **SECTION 7: HANDLING AND STORAGE**

### 7.1 Precautions for safe handling

**Advice on safe handling** Use only in area provided with appropriate exhaust ventilation.

Hygiene measures Avoid contact with skin, eyes and clothing. Keep working clothes

separately. Wash hands before breaks and immediately after handling the product. Remove soiled clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be

destroyed (burnt).

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

Requirements for storage areas and containers

Store in a place accessible by authorized persons only. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container. Keep away from direct sunlight. Protect from freezing.

Advice on common storage Keep away from food, drink and animal feedingstuffs.

Suitable materials Coex HDPE/EVOH/HDPE - steel case



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**7.3 Specific end use(s)** Refer to the label and/or leaflet.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### 8.1 Control parameters

Components	CAS-No.	Control parameters	Update	Basis
Prothioconazole	178928-70-6	1.4 mg/m3 (SK-ABS)		OES BCS*
Spiroxamine	118134-30-8	0.6 mg/m3 (SK-SEN)		OES BCS*
Trifloxystrobin	141517-21-7	2.7 mg/m3 (SK-SEN)		OES BCS*

<sup>\*</sup>OES BCS: Internal Bayer AG, Crop Science Division "Occupational Exposure Standard"

### 8.2 Exposure controls

### Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

### Respiratory protection

Wear respirator with an organic vapours and gas filter mask (protection factor 10) conforming to EN140 type A or equivalent. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.

### **Hand protection**

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Wash gloves when contaminated. Dispose of when contaminated inside, when perforated or when contamination on the outside cannot be removed. Wash hands frequently and always before eating,

drinking, smoking or using the toilet.

Material Nitrile rubber

Rate of permeability > 480 min

Glove thickness > 0.4 mm

Protective index Class 6

Directive Protective gloves complying with EN

374.

Eye protection

Wear goggles (conforming to EN166, Field of Use = 5 or equivalent).

Skin and body protection

Wear standard coveralls and Category 3 Type 4 suit.

Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and

should be professionally laundered frequently.

If chemical protection suit is splashed, sprayed or significantly contaminated, decontaminate as far as possible, then carefully

remove and dispose of as advised by manufacturer.



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### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### 9.1 Information on basic physical and chemical properties

**Form** Liquid, clear to slightly turbid

Colour yellow to brown Odour No data available **Odour Threshold** No data available Melting point/range No data available **Boiling Point** No data available **Flammability** No data available **Upper explosion limit** No data available Lower explosion limit No data available

Flash point 102.5 °C

Auto-ignition temperature 395 °C

Self-accelarating decomposition temperature (SADT)

**pH** 6.5 - 8.5 (1 %) (23 °C) (deionized water)

Viscosity, dynamic

Viscosity, kinematic

No data available

No data available

No data available

Partition coefficient: n-

octanol/water

Prothioconazole: log Pow: 3.82 (20 °C) (pH 7)

Spiroxamine: log Pow: 2.8 - 3.0 (20 °C) (pH 7)

Trifloxystrobin: log Pow: 4.5 (25 °C)

Vapour pressure No data available

**Density** ca. 1.07 g/cm³ (20 °C)

Relative density

No data available

Relative vapour density

No data available

Assessment nano particles This substance/ mixture does not contain nanoforms

Particle size No data available

9.2 Other information

**Explosivity** Not explosive



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Oxidizing properties No oxidizing properties

**Evaporation rate** No data available

Other physico-chemical

properties

Further safety related physical-chemical data are not known.

### **SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity** Stable under normal conditions.

**10.2 Chemical stability** Stable under recommended storage conditions.

**10.3 Possibility of**No hazardous reactions when stored and handled according to

**hazardous reactions** prescribed instructions.

**10.4 Conditions to avoid** Extremes of temperature and direct sunlight.

freezing

**10.5 Incompatible materials** Store only in the original container.

10.6 Hazardous

decomposition products

No decomposition products expected under normal conditions of use.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

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

Acute oral toxicity LD50 (Rat) > 2,000 mg/kg

Acute inhalation toxicity LC50 (Rat) 1.09 - 5.16 mg/l

Exposure time: 4 h

Acute dermal toxicity

Skin corrosion/irritation

Serious eye damage/eye

LD50 (Rat) > 2,000 mg/kg

No skin irritation (Rabbit)

Irritating to eyes. (Rabbit)

irritation

Respiratory or skin Skin: Sensitising (Mouse)

sensitisation OECD Test Guideline 429, local lymph node assay (LLNA)

### Assessment STOT Specific target organ toxicity - single exposure

Prothioconazole: Based on available data, the classification criteria are not met. Spiroxamine: Based on available data, the classification criteria are not met. Trifloxystrobin: Based on available data, the classification criteria are not met.

### Assessment STOT Specific target organ toxicity - repeated exposure

Prothioconazole did not cause specific target organ toxicity in experimental animal studies.

Spiroxamine caused specific target organ toxicity in experimental animal studies in dogs in the following



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organ(s): Eyes.

Trifloxystrobin did not cause specific target organ toxicity in experimental animal studies.

### **Assessment mutagenicity**

Prothioconazole was not mutagenic or genotoxic based on the overall weight of evidence in a battery of in vitro and in vivo tests.

Spiroxamine was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Trifloxystrobin was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

### **Assessment carcinogenicity**

Prothioconazole was not carcinogenic in lifetime feeding studies in rats and mice.

Spiroxamine was not carcinogenic in lifetime feeding studies in rats and mice.

Trifloxystrobin was not carcinogenic in lifetime feeding studies in rats and mice.

### Assessment toxicity to reproduction

Prothioconazole caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Prothioconazole is related to parental toxicity.

Spiroxamine caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Spiroxamine is related to parental toxicity. Trifloxystrobin caused reduced body weight development in offspring during lactation only at doses also producing systemic toxicity in adult rats.

### Assessment developmental toxicity

Prothioconazole caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Prothioconazole are related to maternal toxicity.

Spiroxamine caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Spiroxamine are related to maternal toxicity.

Trifloxystrobin caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Trifloxystrobin are related to maternal toxicity.

#### **Aspiration hazard**

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

### **Further information**

No further toxicological information is available.

### 11.2 Information on other hazards

### **Endocrine disrupting properties**

Assessment The substance/m

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 12: ECOLOGICAL INFORMATION**

12.1 Toxicity

**Toxicity to fish** LC50 (Oncorhynchus mykiss (rainbow trout)) 0.242 mg/l

Exposure time: 96 h

**Toxicity to aguatic** EC50 (Daphnia magna (Water flea)) 0.273 mg/l



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**invertebrates** Exposure time: 48 h

LC50 (Mysidopsis bahia (mysid shrimp)) 0.00862 mg/l

Exposure time: 96 h

The value mentioned relates to the active ingredient trifloxystrobin.

static test; Exposure time: 72 h

ErC50 (Skeletonema costatum) 0.03278 mg/l

Exposure time: 72 h

The value mentioned relates to the active ingredient prothioconazole.

EC10 (Skeletonema costatum) 0.01427 mg/l

Growth rate; Exposure time: 72 h

The value mentioned relates to the active ingredient prothioconazole.

EC10 (Desmodesmus subspicatus (green algae)) 0.0025 mg/l

Growth rate; Exposure time: 72 h

The value mentioned relates to the active ingredient trifloxystrobin.

### 12.2 Persistence and degradability

**Biodegradability** Prothioconazole:

Not rapidly biodegradable

Spiroxamine:

Not rapidly biodegradable

Trifloxystrobin:

Not rapidly biodegradable

**Koc** Prothioconazole: Koc: 1765

Spiroxamine: Koc: 2415 Trifloxystrobin: Koc: 2377

### 12.3 Bioaccumulative potential

**Bioaccumulation** Prothioconazole: Bioconcentration factor (BCF) 19

Does not bioaccumulate.

Spiroxamine: Bioconcentration factor (BCF) 87

Does not bioaccumulate.

Trifloxystrobin: Bioconcentration factor (BCF) 431

Does not bioaccumulate.

12.4 Mobility in soil

Mobility in soil Prothioconazole: Slightly mobile in soils

Spiroxamine: Slightly mobile in soils Trifloxystrobin: Slightly mobile in soils

### 12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment Prothioconazole: This substance is not considered to be persistent,

bioaccumulative and toxic (PBT). This substance is not considered to be

very persistent and very bioaccumulative (vPvB).

Spiroxamine: This substance is not considered to be persistent,

bioaccumulative and toxic (PBT). This substance is not considered to be

very persistent and very bioaccumulative (vPvB).

Trifloxystrobin: This substance is not considered to be persistent,

bioaccumulative and toxic (PBT). This substance is not considered to be

very persistent and very bioaccumulative (vPvB).



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# 12.6 Endocrine disrupting properties

**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.

12.7 Other adverse effects

Additional ecological

information

No other effects to be mentioned.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

### 13.1 Waste treatment methods

**Product** In accordance with current regulations and, if necessary, after

> consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant.

Contaminated packaging Triple rinse containers.

Do not re-use empty containers.

Not completely emptied packagings should be disposed of as

hazardous waste.

Waste key for the unused

product

02 01 08\* agrochemical waste containing hazardous substances

### **SECTION 14: TRANSPORT INFORMATION**

#### ADR/RID/ADN

14.1 UN number 3082

14.2 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

(SPIROXAMINE SOLUTION)

14.3 Transport hazard class(es) 14.4 Packaging Group Ш 14.5 Environm. Hazardous Mark YES Hazard no. 90 **Tunnel Code** 

This classification is in principle not valid for carriage by tank vessel on inland waterways. Please refer to the manufacturer for further information.

#### **IMDG**

14.1 UN number 3082

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, 14.2 Proper shipping name

N.O.S.

(SPIROXAMINE SOLUTION)

14.3 Transport hazard class(es) 9 14.4 Packaging Group Ш 14.5 Marine pollutant YES

### **IATA**



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14.1 UN number **3082** 

14.2 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

(SPIROXAMINE SOLUTION)

14.3 Transport hazard class(es)
14.4 Packaging Group
14.5 Environm. Hazardous Mark
YES

### 14.6 Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

No transport in bulk according to the IBC Code.

### **SECTION 15: REGULATORY INFORMATION**

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

### **Republic of Ireland Regulations**

This material may be subject to some or all of the following regulations (and any subsequent ammendments). Users must ensure that any uses and restrictions as indicated on the label and/or leaflet are followed.

### Supply and Use

European Communities (Prohibition of Certain Active Substances in Plant Protection Products) Regulations 1981 (SI No 320/1981)

European Communities (Authorization, Placing on the Market, Use and Control of Plant Protection Products) Regulations 2003 (SI No 83/2003)

European Communities (Classification, Packaging and Labelling of Plant Protection Products and Biocide Products) Regulations 2001 (SI No 624/2001

2010 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations, 2001 (SI No 619/2001)

# **Waste Treatment**

Landfill Directive

Regulation on Substances That Deplete the Ozone Layer 1994 (EEC/3093/94)

### **Further information**

WHO-classification: III (Slightly hazardous)

### 15.2 Chemical safety assessment

A chemical safety assessment is not required.

### **SECTION 16: OTHER INFORMATION**

### Text of the hazard statements mentioned in Section 3

H302 Harmful if swallowed.

H312 Harmful in contact with skin.



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H315 Causes skin irritation.

H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H361d Suspected of damaging the unborn child. H362 May cause harm to breast-fed children.

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.
 H411 Toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.

### Abbreviations and acronyms

ADN European Agreement concerning the International Carriage of Dangerous Goods by

**Inland Waterways** 

ADR European Agreement concerning the International Carriage of Dangerous Goods by

Road

ATE Acute toxicity estimate

CAS-Nr. Chemical Abstracts Service number

Conc. Concentration

EC-No. European community number ECx Effective concentration to x %

EINECS European inventory of existing commercial substances

ELINCS European list of notified chemical substances

ELV Exposure Limit Value EN European Standard EU European Union

IATA International Air Transport Association

IBC International Code for the Construction and Equipment of Ships Carrying Dangerous

Chemicals in Bulk (IBC Code)
Inhibition concentration to x %

IMDG International Maritime Dangerous Goods

LCx Lethal concentration to x %

LDx Lethal dose to x %

**IC**x

LOEC/LOEL Lowest observed effect concentration/level

MARPOL: International Convention for the prevention of marine pollution from ships

N.O.S. Not otherwise specified

NOEC/NOEL No observed effect concentration/level

OECD Organization for Economic Co-operation and Development

RID Regulations concerning the International Carriage of Dangerous Goods by Rail

SI Statutory Instrument
TWA Time weighted average

UN United Nations

WHO World health organisation

The information contained within this Safety Data Sheet is in accordance with the guidelines established by Regulation (EU) 1907/2006 and Regulation (EU) 2020/878 amending Regulation (EU) No 1907/2006 and any subsequent amendments. This data sheet complements the user's instructions, but does not replace them. The information it contains is based on the knowledge available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended. The required information complies with current EEC legislation. Addressees are requested to observe any additional



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national requirements.

Safety Data Sheet according to Regulation (EU) No. 2020/878. **Reason for Revision:** 

Checked and revised for editorial purposes due to adjustments according to the current Annex II of the REACH regulation.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.