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

### 1.1 Product identifier

| | |
|---|---|
| **Trade name** | ASCRA XPRO |
| **UFI** | VTK0-00WY-Q00D-QNPH |
| **Product code (UVP)** | 86804662 |

### 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<br>Bayer Ltd<br>1st Floor, The Grange Offices<br>The Grange, Brewery Road<br>Stillorgan<br>A94 H2K7 Co. Dublin<br>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
H302 Harmful if swallowed.

Skin sensitisation: Category 1B
H317 May cause an allergic skin reaction.

Serious eye damage: Category 1
H318 Causes serious eye damage.

Specific target organ toxicity - single exposure: Category 3
H335 May cause respiratory irritation.

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.

**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.

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

- Bixafen
- Fluopyram
- Prothioconazole
- N,N-Dimethyl decanamide

**Signal word**: Danger

**Hazard statements**

| | |
|---|---|
| H302 | Harmful if swallowed. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H335 | May cause respiratory irritation. |
| 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. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately 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.

Bixafen: 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). Fluopyram: 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). 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). N,N-Dimethyldecanamide: 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/Fluopyram/Bixafen 130:65:65 g/l

**Hazardous components**

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

| Name | CAS-No. / EC-No. / REACH Reg. No. | Classification REGULATION (EC) No 1272/2008 | Conc. [%] |
|---|---|---|---|
| Bixafen | 581809-46-3 | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 | 6.37 |
| Fluopyram | 658066-35-4<br>619-797-7 | Aquatic Chronic 2, H411 | 6.37 |
| Prothioconazole | 178928-70-6 | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 | 12.7 |
| 2-Ethylhexanol propylene ethyleneglycol ether | 64366-70-7 | Aquatic Chronic 3, H412 | > 1 – < 25 |
| N,N-Dimethyl decanamide | 14433-76-2<br>238-405-1<br>01-2119485027-36-XXXX | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>Aquatic Chronic 3, H412 | > 25 |

**Further information**

| | | |
|---|---|---|
| Bixafen | 581809-46-3 | M-Factor: 10 (acute) |
| Prothioconazole | 178928-70-6 | M-Factor: 10 (acute), 1 (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. Remove contaminated clothing immediately and dispose of safely. Place and transport victim in stable position (lying sideways). |
| **Inhalation** | Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately. |
| **Skin contact** | Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water. |
| **Eye contact** | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists. |
| **Ingestion** | Do NOT induce vomiting. Call a physician or poison control center immediately. Rinse mouth. |

### 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. Gastric lavage is not normally required. However, if a significant amount (more than a mouthful) has been ingested, administer activated charcoal and sodium sulphate. There is no specific antidote. |

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

| | |
|---|---|
| **Suitable** | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| **Unsuitable** | High volume water jet |
| **5.2 Special hazards arising from the substance or mixture** | In the event of fire the following may be released:, Hydrogen cyanide (hydrocyanic acid), Carbon monoxide (CO), 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. In the event of fire, wear self-contained breathing apparatus. |
| **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** | If the product contaminates rivers and lakes or drains inform respective authorities. |

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

| | |
|---|---|
| **Methods for cleaning up** | Clean contaminated floors and objects thoroughly, observing environmental regulations. 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** | Information regarding safe handling, see section 7.<br>Information regarding personal protective equipment, see section 8.<br>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. |
| **Advice on protection against fire and explosion** | Keep away from heat and sources of ignition. |
| **Hygiene measures** | Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands before breaks and immediately after handling the product. Wash hands immediately after work, if necessary take a shower. 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. Protect from frost. Keep away from direct sunlight. |
| **Advice on common storage** | Keep away from food, drink and animal feedingstuffs. |
| **Suitable materials** | Coex HDPE/EVOH/HDPE - steel case<br>HDPE - steel case |
| **7.3 Specific end use(s)** | Refer to the label and/or leaflet. |

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

No known occupational limit values.

### 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.

**General protective measures**
If product is handled while not enclosed, and if contact may occur:
Complete suit protecting against chemicals

## 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** | weak, characteristic |
| **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** | 148 °C |
| **Auto-ignition temperature** | 360 °C |
| **Self-accelarating decomposition temperature (SADT)** | No data available |
| **pH** | 4.0 - 6.0 (1 %) (23 °C) (deionized water) |
| **Viscosity, dynamic** | No data available |
| **Viscosity, kinematic** | No data available |
| **Water solubility** | No data available |
| **Partition coefficient: n-octanol/water** | Bixafen: log Pow: 3.3 (40 °C)<br>Fluopyram: log Pow: 3.3<br>Prothioconazole: log Pow: 3.82 (20 °C) (pH 7)<br>N,N-Dimethyldecanamide: log Pow: 2.46 |
| **Vapour pressure** | No data available |
| **Density** | ca. 1.02 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**

| | |
|---|---|
| **Impact sensitivity** | Not impact sensitive. |
| **Explosivity** | Not explosive<br>92/69/EEC, A.14 / OECD 113 |
| **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 hazardous reactions** | No hazardous reactions when stored and handled according to prescribed instructions. |
| **10.4 Conditions to avoid** | Extremes of temperature and direct sunlight. |
| **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) > 300 - 2,000 mg/kg |
| **Acute inhalation toxicity** | During intended and foreseen applications, no respirable aerosol is formed.<br><br>Irritating to respiratory system.<br>The value mentioned relates to N,N-dimethylacetamide. |
| **Acute dermal toxicity** | LD50 (Rat) > 2,000 mg/kg |
| **Skin corrosion/irritation** | No skin irritation (Rabbit) |
| **Serious eye damage/eye irritation** | Risk of serious damage to eyes. (Rabbit) |
| **Respiratory or skin sensitisation** | Skin: Sensitising (Mouse)<br>OECD Test Guideline 429, local lymph node assay (LLNA) |

**Assessment STOT Specific target organ toxicity – single exposure**

Bixafen: Based on available data, the classification criteria are not met.
Fluopyram: Based on available data, the classification criteria are not met.
Prothioconazole: Based on available data, the classification criteria are not met.
N,N-Dimethyldecan-1-amide: May cause respiratory irritation.

**Assessment STOT Specific target organ toxicity – repeated exposure**

Bixafen did not cause human relevant specific target organ toxicity in experimental animal studies.
Fluopyram did not cause specific target organ toxicity in experimental animal studies.
Prothioconazole did not cause specific target organ toxicity in experimental animal studies.
N,N-Dimethyldecanamide did not cause specific target organ toxicity in experimental animal studies.

**Assessment mutagenicity**

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

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

**Assessment carcinogenicity**

Bixafen was not carcinogenic in lifetime feeding studies in rats and mice.
Fluopyram caused at high dose levels an increased incidence of tumours in rats in the following organ(s): Liver.
Fluopyram caused at high dose levels an increased incidence of tumours in mice in the following organ(s): Thyroid.
The tumours seen with Fluopyram were caused through a non-genotoxic mechanism, which is not relevant at low doses. The mechanism that triggers these tumours is not relevant to humans.
Prothioconazole was not carcinogenic in lifetime feeding studies in rats and mice.
N,N-Dimethyldecanamide is not considered carcinogenic.

**Assessment toxicity to reproduction**

Bixafen did not cause reproductive toxicity in a two-generation study in rats.
Fluopyram 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 Fluopyram is related to parental toxicity.
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.
N,N-Dimethyldecanamide is not considered a reproductive toxicant at non-maternally toxic dose levels.

**Assessment developmental toxicity**

Bixafen did not cause developmental toxicity in rats and rabbits.
Fluopyram caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Fluopyram are related to maternal toxicity.
Prothioconazole caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Prothioconazole are related to maternal toxicity.
N,N-Dimethyldecanamide did not cause developmental toxicity in rats and rabbits.

**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/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)) 1.77 mg/l |

static test; Exposure time: 96 h

**Toxicity to aquatic invertebrates** EC50 (Daphnia magna (Water flea)) 3.39 mg/l
Exposure time: 48 h

**Toxicity to aquatic plants** EC50 (Raphidocelis subcapitata (freshwater green alga)) 2.97 mg/l
Growth rate; Exposure time: 72 h

EC10 (Skeletonema costatum) 0.01427 mg/l
Growth rate; Exposure time: 72 h
The value mentioned relates to the active ingredient prothioconazole.

ErC50 (Skeletonema costatum) 0.03278 mg/l
Exposure time: 72 h
The value mentioned relates to the active ingredient prothioconazole.

**12.2 Persistence and degradability**

**Biodegradability** Bixafen:
Not rapidly biodegradable
Fluopyram:
Not rapidly biodegradable
Prothioconazole:
Not rapidly biodegradable
N,N-Dimethyldecanamide:
rapidly biodegradable

**Koc** Bixafen: Koc: 3869
Fluopyram: Koc: 279
Prothioconazole: Koc: 1765

**12.3 Bioaccumulative potential**

**Bioaccumulation** Bixafen: Bioconcentration factor (BCF) 695
Does not bioaccumulate.
Fluopyram: Bioconcentration factor (BCF) 18
Does not bioaccumulate.
Prothioconazole: Bioconcentration factor (BCF) 19
Does not bioaccumulate.
N,N-Dimethyldecanamide:
Does not bioaccumulate.

**12.4 Mobility in soil**

**Mobility in soil** Bixafen: Slightly mobile in soils
Fluopyram: Moderately mobile in soils
Prothioconazole: Slightly mobile in soils
N,N-Dimethyldecanamide: Slightly mobile in soils

**12.5 Results of PBT and vPvB assessment**

**PBT and vPvB assessment** Bixafen: 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).
Fluopyram: 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).
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).

N,N-Dimethyldecanamide: 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).

**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** | It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow container label instructions and applicable local guidelines. |
| **Contaminated packaging** | Small containers (< 10 l or < 10 kg) should be rinsed thoroughly using an integrated pressure rinsing device, or, by manually rinsing three times.<br>Add washings to sprayer at time of filling.<br>Dispose of empty and cleaned packaging safely.<br>Follow advice on product label and/or leaflet. |
| **Contaminated packaging** | 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.<br>(BIXAFEN SOLUTION) |
| 14.3 Transport hazard class(es) | 9 |
| 14.4 Packaging Group | III |
| 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** |

| | |
|---|---|
| 14.2 Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BIXAFEN SOLUTION) |
| 14.3 Transport hazard class(es) | 9 |
| 14.4 Packaging Group | III |
| 14.5 Marine pollutant | YES |

**IATA**

| | |
|---|---|
| 14.1 UN number | **3082** |
| 14.2 Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BIXAFEN SOLUTION ) |
| 14.3 Transport hazard class(es) | 9 |
| 14.4 Packaging Group | III |
| 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: II (Moderately 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**

| | |
|---|---|
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| 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. |

**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) |
| ICx | Inhibition concentration to x % |
| IMDG | International Maritime Dangerous Goods |
| LCx | Lethal concentration to x % |
| LDx | Lethal dose to x % |
| LOEC/LOEL | Lowest observed effect concentration/level |
| MARPOL | 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 national requirements.

| | |
|---|---|
| **Reason for Revision:** | Safety Data Sheet according to Regulation (EU) No. 2020/878. Checked and revised for editorial purposes due to adjustments according to the current Annex II of the REACH regulation. |
| | Reviewed and updated for general editorial purposes. |

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