



## MERLIN WG75

Version 5 / ZA  
102000001698

1/11

Revision Date: 30.07.2025  
Print Date: 30.07.2025

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

#### 1.1 Product identifier

Trade name MERLIN WG75  
Product code (UVP) 05923271

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

Use Herbicide

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

Supplier Bayer (Pty) Ltd.  
1st Floor, Waterfall Circle  
9 Country Estate Drive  
Waterfall City  
2090 Midrand, Johannesburg  
South Africa  
  
Telephone +27 (011) 921 5911  
Telefax +27 (011) 921 5766  
Responsible Department QHSE - Nigel, South Africa  
+27 (011) 365 8675 (during business hours only)

#### 1.4 Emergency telephone no.

Emergency telephone no. +27 (0861) 555 777 (Western Cape Poisons Helpline)  
Global Incident Response Hotline (24h) +1 (760) 476 3964 (Company 3E for Bayer AG, Crop Science Division)

### 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.**

Reproductive toxicity: Category 2  
H361d Suspected of damaging the unborn child.  
  
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 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:**



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- Isoxaflutole



**Signal word:** Warning

### Hazard statements

H361d Suspected of damaging the unborn child.  
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

P201 Obtain special instructions before use.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P391 Collect spillage.  
P501 Dispose of contents/container in accordance with local regulation.

### 2.3 Other hazards

May form explosible dust-air mixture if dispersed.

Isoxaflutole: 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

Water dispersible granules (WG)  
Isoxaflutole 750 g/kg

#### Hazardous components

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

| Name                                             | CAS-No. /<br>EC-No. /<br>REACH Reg. No. | Classification                  | Conc. [%]        |
|--------------------------------------------------|-----------------------------------------|---------------------------------|------------------|
|                                                  |                                         | REGULATION (EC) No<br>1272/2008 |                  |
| Isoxaflutole                                     | 141112-29-0                             |                                 | 77,16            |
| Lignosulfonic acid, sodium salt, sulfomethylated | 68512-34-5                              | Eye Irrit. 2, H319              | >= 3,0 – <= 10,0 |
| Reaction product of                              | 1322-93-6                               | Acute Tox. 4, H302              | >= 3,0 – <=      |



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|                                                                      |                                      |                                                           |        |
|----------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|--------|
| naphthalene, propan-2-ol, sulfonated and neutralized by caustic soda | 01-2119969954-16-XXXX                | Acute Tox. 4, H332<br>Eye Dam. 1, H318<br>STOT SE 3, H335 | 10,0   |
| Pyrogenic (fumed) amorphous silica                                   | 112945-52-5<br>01-2119379499-16-XXXX | Not classified                                            | >= 1,0 |
| Kaolin                                                               | 1332-58-7                            | Not classified                                            | >= 1,0 |

**Further information**

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

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

|                       |                                                                                                                                                                                                                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b> | Remove contaminated clothing immediately and dispose of safely. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).                                                                                                                                             |
| <b>Inhalation</b>     | Move the victim to fresh air and keep at rest. If symptoms persist, call a physician.                                                                                                                                                                                                                                       |
| <b>Skin contact</b>   | Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water. If symptoms persist, call a physician.                                                                                                                                                          |
| <b>Eye contact</b>    | 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.                                                                                |
| <b>Ingestion</b>      | Keep at rest. Rinse mouth. Induce vomiting only, if: 1. patient is fully conscious, 2. medical aid is not readily available, 3. a significant amount (more than a mouthful) has been ingested and 4. time since ingestion is less than 1 hour. (Vomit should not get into the respiratory tract.) Obtain medical attention. |

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

**Symptoms** To date no symptoms are known.

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

|                  |                                                                                                                                                                                                                                                                                                                                                          |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Treatment</b> | Local treatment: Initial treatment: symptomatic.<br><br>Systemic treatment: Initial treatment: symptomatic. Carefully monitor the liver functions. 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**

|                   |                                                                          |
|-------------------|--------------------------------------------------------------------------|
| <b>Suitable</b>   | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| <b>Unsuitable</b> | 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:., Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>), Sulphur oxides, Hydrogen fluoride

### 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 dust formation. Avoid contact with spilled product or contaminated surfaces. Use personal protective equipment. Remove all sources of ignition.

**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

**Methods for cleaning up** Sweep up or vacuum up spillage and collect in suitable container for disposal. Collect and transfer the product into a properly labelled and tightly closed container. Clean floors and contaminated objects with plenty of water.

**Additional advice** Check also for any local site procedures.

**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** Avoid dust formation. Use only in area provided with appropriate exhaust ventilation.

**Advice on protection against fire and explosion** Dust may form explosive mixture in air. Keep away from heat and sources of ignition. Take measures to prevent the build up of electrostatic charge.

**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. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight.

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

**Suitable materials** Aluminium composite film (min. 0,007 mm Aluminium)



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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    |
|-----------------------------------------------------------------|-------------|--------------------------------|---------|----------|
| Isoxaflutole                                                    | 141112-29-0 | 0,6 mg/m <sup>3</sup><br>(TWA) |         | OES BCS* |
| Kaolin<br>(Total dust.)                                         | 1332-58-7   | 10 mg/m <sup>3</sup><br>(TWA)  | 1995    | ZA REL   |
| Kaolin<br>(Respirable dust.)                                    | 1332-58-7   | 5 mg/m <sup>3</sup><br>(TWA)   | 1995    | ZA REL   |
| Pyrogenic (fumed)<br>amorphous silica<br>(Respirable fraction.) | 112945-52-5 | 5 mg/m <sup>3</sup><br>(TWA)   | 03 2021 | ZA REL   |
| Pyrogenic (fumed)<br>amorphous silica                           | 112945-52-5 | 10 mg/m <sup>3</sup><br>(TWA)  | 03 2021 | ZA REL   |

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

**8.2 Exposure controls**

**Respiratory protection**

Wear respirator conforming to EN136P3, EN14594 or EN14593-1 (continuous flow).

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 5 suit.

If there is a risk of significant exposure, consider a higher protective type suit.

Wear two layers of clothing wherever possible. Polyester/cotton or



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cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

|                                                           |                                           |
|-----------------------------------------------------------|-------------------------------------------|
| <b>Form</b>                                               | water-dispersible granules                |
| <b>Colour</b>                                             | brown                                     |
| <b>Odour</b>                                              | weak, characteristic                      |
| <b>Odour Threshold</b>                                    | No data available                         |
| <b>pH</b>                                                 | 4,0 - 6,0 (1 %) (23 °C) (deionized water) |
| <b>Melting point/ range</b>                               | No data available                         |
| <b>Boiling Point</b>                                      | No data available                         |
| <b>Flash point</b>                                        | Not applicable                            |
| <b>Flammability</b>                                       | The product is not highly flammable.      |
| <b>Auto-ignition temperature</b>                          | The product is not self-ignitable.        |
| <b>Thermal decomposition</b>                              | No data available                         |
| <b>Minimum ignition energy</b>                            | > 30 - < 100 mJ                           |
| <b>Self-accelarating decomposition temperature (SADT)</b> | No data available                         |
| <b>Upper explosion limit</b>                              | No data available                         |
| <b>Lower explosion limit</b>                              | 60 mg/m <sup>3</sup>                      |
| <b>Dust explosion class</b>                               | St1 (weak to moderately explosible)       |
| <b>Vapour pressure</b>                                    | No data available                         |
| <b>Evaporation rate</b>                                   | No data available                         |
| <b>Relative vapour density</b>                            | No data available                         |
| <b>Relative density</b>                                   | No data available                         |
| <b>Density</b>                                            | No data available                         |
| <b>Bulk density</b>                                       | 0,56 - 0,63 g/ml (loose)                  |
| <b>Water solubility</b>                                   | dispersible                               |
| <b>Partition coefficient: n-octanol/water</b>             | Isoxaflutole: log Pow: 2,32 (20 °C)       |
| <b>Viscosity, dynamic</b>                                 | No data available                         |
| <b>Viscosity, kinematic</b>                               | No data available                         |
| <b>Oxidizing properties</b>                               | No oxidizing properties                   |
| <b>Explosivity</b>                                        | Not explosive                             |



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**9.2 Other information** Further safety related physical-chemical data are not known.

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## SECTION 10: STABILITY AND REACTIVITY

|                                                |                                                                                      |
|------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>10.1 Reactivity</b>                         | Stable under normal conditions.                                                      |
| <b>10.2 Chemical stability</b>                 | Stable under recommended storage conditions.                                         |
| <b>10.3 Possibility of hazardous reactions</b> | No hazardous reactions when stored and handled according to prescribed instructions. |
| <b>10.4 Conditions to avoid</b>                | Extremes of temperature and direct sunlight.                                         |
| <b>10.5 Incompatible materials</b>             | Store only in the original container.                                                |
| <b>10.6 Hazardous decomposition products</b>   | No decomposition products expected under normal conditions of use.                   |

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## SECTION 11: TOXICOLOGICAL INFORMATION

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

|                                          |                                                                              |
|------------------------------------------|------------------------------------------------------------------------------|
| <b>Acute oral toxicity</b>               | LD50 (Rat) > 5.000 mg/kg                                                     |
| <b>Acute inhalation toxicity</b>         | LC50 (Rat) 5,26 mg/l<br>Exposure time: 4 h                                   |
| <b>Acute dermal toxicity</b>             | LD50 (Rabbit) > 2.000 mg/kg                                                  |
| <b>Skin corrosion/irritation</b>         | Slight irritant effect - does not require labelling. (Rabbit)                |
| <b>Serious eye damage/eye irritation</b> | Slight irritant effect - does not require labelling. (Rabbit)                |
| <b>Respiratory or skin sensitisation</b> | Skin: Non-sensitizing. (Guinea pig)<br>OECD Test Guideline 406, Buehler test |

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

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

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

Isoxaflutole caused specific target organ toxicity in experimental animal studies in the following organ(s): Liver, Thyroid. The observed effects do not appear to be relevant for humans.

#### Assessment mutagenicity

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

#### Assessment carcinogenicity

Isoxaflutole caused at high dose levels an increased incidence of tumours in the following organ(s): Liver. The mechanism that triggers tumours in rodents and the type of tumours observed are not relevant to humans.

#### Assessment toxicity to reproduction



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Isoxaflutole did not cause reproductive toxicity in a two-generation study in rats.

### Assessment developmental toxicity

Isoxaflutole caused developmental toxicity only at dose levels toxic to the dams. Isoxaflutole caused a delayed ossification of fetuses. The developmental effects seen with Isoxaflutole are related to maternal toxicity.

### Aspiration hazard

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

### Further information

The toxicological data refer to a similar formulation.

## 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.

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## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout)) > 65,0 mg/l  
Exposure time: 96 h

#### Toxicity to aquatic invertebrates

EC50 (Daphnia magna (Water flea)) 5 mg/l  
Exposure time: 48 h

#### Toxicity to aquatic plants

EC50 (Desmodesmus subspicatus (green algae)) > 34,7 mg/l  
Growth rate; Exposure time: 72 h  
ErC50 (Lemna gibba (gibbous duckweed)) 0,0078 mg/l  
Exposure time: 7 d

### 12.2 Persistence and degradability

#### Biodegradability

Isoxaflutole:  
Not rapidly biodegradable

#### Koc

Isoxaflutole: Koc: 112

### 12.3 Bioaccumulative potential

#### Bioaccumulation

Isoxaflutole: Bioconcentration factor (BCF) 11  
Does not bioaccumulate.

### 12.4 Mobility in soil

#### Mobility in soil

Isoxaflutole: very mobile in soil

### 12.5 Results of PBT and vPvB assessment

#### PBT and vPvB assessment

Isoxaflutole: 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.

## SECTION 14: TRANSPORT INFORMATION

### SANS 10231

|                                 |                                                                           |
|---------------------------------|---------------------------------------------------------------------------|
| 14.1 UN number                  | <b>3077</b>                                                               |
| 14.2 Proper shipping name       | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ISOXAFLUTOLE MIXTURE) |
| 14.3 Transport hazard class(es) | 9                                                                         |
| 14.4 Packaging Group            | III                                                                       |
| 14.5 Environm. Hazardous Mark   | YES                                                                       |

### IMDG

|                                 |                                                                           |
|---------------------------------|---------------------------------------------------------------------------|
| 14.1 UN number                  | <b>3077</b>                                                               |
| 14.2 Proper shipping name       | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ISOXAFLUTOLE MIXTURE) |
| 14.3 Transport hazard class(es) | 9                                                                         |
| 14.4 Packaging Group            | III                                                                       |
| 14.5 Marine pollutant           | YES                                                                       |

### IATA

|                                 |                                                                            |
|---------------------------------|----------------------------------------------------------------------------|
| 14.1 UN number                  | <b>3077</b>                                                                |
| 14.2 Proper shipping name       | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ISOXAFLUTOLE MIXTURE ) |
| 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.



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### 14.7 Transport in bulk according to IMO instruments

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

#### Further information

WHO-classification: III (Slightly hazardous)

## SECTION 16: OTHER INFORMATION

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

|      |                                   |
|------|-----------------------------------|
| H302 | Harmful if swallowed.             |
| H318 | Causes serious eye damage.        |
| H319 | Causes serious eye irritation.    |
| H332 | Harmful if inhaled.               |
| H335 | May cause respiratory irritation. |

### 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                                                                  |
| 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                                   |
| 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

**SAFETY DATA SHEET** according to Regulation (EC) No. 1907/2006, as amended



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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:** The following sections have been revised: Section 8: Exposure Controls / Personal Protection.

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