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# Safety data sheet



BASF Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)
Date / Revised: 12.06.2024 Version: 2.0
Product: **Bellis**

(ID no. 30246505/SDS_CPA_ZA/EN)
Date of print 19.02.2025

## 1. Identification

### Product identifier

## Bellis

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

Relevant identified uses: crop protection product, fungicide

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

Company:
BASF South Africa (Pty) Ltd
852 Sixteenth Road
Midrand
P O Box 2801
Halfway House 1685
SOUTH AFRICA

Telephone: +27 11 203 2400

### Emergency telephone number

National emergency number:
+27 11 203 2420
International emergency number:
Telephone: +49 180 2273-112

## 2. Hazards Identification

## Classification of the substance or mixture

According to UN GHS criteria

Acute Tox. 4 (oral)
Eye Dam./Irrit. 2B
Aquatic Acute 1
Aquatic Chronic 1

For the classifications not written out in full in this section the full text can be found in section 16.

## Label elements

Globally Harmonized System (GHS)

Pictogram:

Signal Word:
Warning

Hazard Statement:

| | |
|---|---|
| H320 | Causes eye irritation. |
| H302 | Harmful if swallowed. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Precautionary Statement:

| | |
|---|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P103 | Read carefully and follow all instructions. |

Precautionary Statements (Prevention):

| | |
|---|---|
| P264 | Wash contaminated body parts thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |

Precautionary Statements (Response):

| | |
|---|---|
| P301 + P312 | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P330 | Rinse mouth. |
| P391 | Collect spillage. |

Precautionary Statements (Disposal):

| | |
|---|---|
| P501 | Dispose of contents and container to hazardous or special waste collection point. |

According to UN GHS criteria

Hazard determining component(s) for labelling: boscalid (ISO); 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-nicotinamide, pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate

### Other hazards

According to UN GHS criteria

See section 12 - Results of PBT and vPvB assessment.

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

## 3. Composition/Information on Ingredients

### Substances

Not applicable

### Mixtures

Chemical nature

crop protection product, fungicide, water dispersible granules

Hazardous ingredients (GHS)
According to UN GHS criteria

boscalid (ISO); 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-nicotinamide

| | |
|---|---|
| Content (W/W): 25.2 % | Aquatic Acute 2 |
| CAS Number: 188425-85-6 | Aquatic Chronic 2 |
| | H401, H411 |

pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate

| | |
|---|---|
| Content (W/W): 12.78 % | Acute Tox. 3 (Inhalation - mist) |
| CAS Number: 175013-18-0 | Acute Tox. 4 (oral) |
| INDEX-Number: 613-272-00-6 | Skin Irrit. 2 |
| | Repr. 2 (unborn child) |
| | STOT SE 3 (irr. to respiratory syst.) |
| | STOT RE (Liver, Nasal cavity, Gastrointestinal tract) 2 |
| | Aquatic Acute 1 |
| | Aquatic Chronic 1 |
| | M-factor acute: 100 |
| | M-factor chronic: 100 |
| | H315, H331, H302, H335, H361, H373, H400, H410 |

Ammonium sulphate

| | |
|---|---|
| Content (W/W): < 12.736 % | Acute Tox. 5 (oral) |
| CAS Number: 7783-20-2 | Aquatic Acute 3 |
| EC-Number: 231-984-1 | H303, H402 |

Alkyl-naphtalene sulfonated and condensated with formaldehyde, sodium salt

| | |
|---|---|
| Content (W/W): < 8.748 % | Eye Dam./Irrit. 2A |
| CAS Number: 68425-94-5 | H319 |

Naphthalenesulfonic acid, polymer with formaldehyde, sodium salt

| | |
|---|---|
| Content (W/W): < 5.5616 % | Acute Tox. 5 (oral) |
| CAS Number: 9084-06-4 | H303 |

Silicon dioxide

Content (W/W): < 12.8003 %
CAS Number: 7631-86-9
EC-Number: 231-545-4

Lignosulfonic acid, sodium salt

Content (W/W): < 9.6614 %
CAS Number: 8061-51-6

Kaolin

Content (W/W): < 4.03 %
CAS Number: 1332-58-7
EC-Number: 310-194-1

Sodium sulphate

Content (W/W): < 2.6497 %
CAS Number: 7757-82-6
EC-Number: 231-820-9

For the classifications not written out in full in this section the full text can be found in section 16.

## 4. First-Aid Measures

### Description of first aid measures

Remove contaminated clothing.

If inhaled:
Keep patient calm, remove to fresh air, seek medical attention.

On skin contact:
Wash thoroughly with soap and water

On contact with eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:
Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

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

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., (Further) symptoms and / or effects are not known so far

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

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:
water spray, dry powder, foam

Unsuitable extinguishing media for safety reasons:
carbon dioxide

### Special hazards arising from the substance or mixture

Carbon monoxide, hydrogen chloride, Carbon dioxide, nitrogen oxides, sulfur oxides, organochloric compounds, silica compounds
The substances/groups of substances mentioned can be released in case of fire.

### Advice for fire-fighters

Special protective equipment:
Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:
Keep containers cool by spraying with water if exposed to fire. In case of fire and/or explosion do not breathe fumes. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

## 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures
Avoid dust formation. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

### Environmental precautions
Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up
For small amounts: Contain with dust binding material and dispose of.
For large amounts: Sweep/shovel up.
Avoid raising dust. Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

## 7. Handling and Storage

### Precautions for safe handling

No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift.

Protection against fire and explosion:
Avoid dust formation. Dust can form an explosive mixture with air. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

### Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.
Further information on storage conditions: Keep away from heat. Protect against moisture. Protect from direct sunlight.

Storage stability:
Storage duration: 60 Months

Protect from temperatures above: 40 °C
Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

### Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

## 8. Exposure Controls/Personal Protection

### Control parameters

Components with occupational exposure limits

1332-58-7: Kaolin
TWA value 10 mg/m3
TWA value 5 mg/m3, Respirable fraction
175013-18-0: Carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester
TWA value 0.13 mg/m3 (BASF recomm. occupational exposure limit)
188425-85-6: 3-Pyridinecarboxamide, 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-
TWA value 0.248 mg/m3 (BASF recomm. occupational exposure limit)
7631-86-9: Silicon dioxide
TWA value 5 mg/m3, Respirable fraction
TWA value 10 mg/m3

### Exposure controls

Personal protective equipment

Respiratory protection:
Suitable respiratory protection for higher concentrations or long-term effect: Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Hand protection:
Suitable chemical resistant safety gloves (EN ISO 374-1) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc.

Eye protection:
Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:
Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures
The statements on personal protective equipment in the instructions for use apply when handling crop-protection agents in final-consumer packing. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

## 9. Physical and Chemical Properties

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

| | |
|---|---|
| State of matter: | solid |
| Form: | granules, extrudates |
| Colour: | brown |
| Odour: | moderate odour, smoky |

| | | |
|---|---|---|
| Odour threshold: | | |
| | Not determined due to potential health hazard by inhalation. | |
| Melting point: | approx. 56 °C | |
| Boiling point: | | |
| | The product has not been tested. | |
| Flammability: | not highly flammable | (Directive 84/449/EEC, A.10) |
| Lower explosion limit: | | |
| | As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use. | |
| Upper explosion limit: | | |
| | As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use. | |
| Flash point: | | |
| | not applicable, the product is a solid | |
| Thermal decomposition: | 150 °C, 350 kJ/kg (DSC (OECD 113)) | |
| | No decomposition if stored and handled as prescribed/indicated. | |
| SADT: | > 75 °C | |
| | Heat accumulation / Dewar 500 ml (SADT, UN-Test H.4, 28.4.4) | |
| pH value: | approx. 6 - 8 | |
| | (1 %(m), 20 °C) | |
| | (as suspension) | |
| Viscosity, dynamic: | | |
| | not applicable, the product is a solid | |
| Solubility in water: | dispersible | |
| Partitioning coefficient n-octanol/water (log Kow): | | |
| | not applicable | |
| Vapour pressure: | | |
| | not applicable | |
| Density: | approx. 1.51 g/cm3 | (OECD Guideline 109) |
| | (20 °C) | |
| Relative vapour density (air): | | |
| | not applicable | |
| Particle characteristics | | |
| Particle size distribution: | 0.7 µm | |
| | 2.7 µm | |
| | 9.7 µm | |

## 9.2. Other information

**Information with regard to physical hazard classes**

| | | |
|---|---|---|
| Explosives | | |
| Explosion hazard: | not explosive | |
| Oxidizing properties | | |
| Fire promoting properties: | not fire-propagating | (Directive 92/69/EEC, A.17) |
| Self-heating substances and mixtures | | |
| Self heating ability: | Not tested on account of the low melting-point. | |

**Other safety characteristics**

| | |
|---|---|
| Bulk density: | 600 kg/m3 |
| | 689 kg/m3 |
| | Apparent density after tamping |
| Evaporation rate: | |
| | not applicable |

## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

### Conditions to avoid

See SDS section 7 - Handling and storage.

### Incompatible materials

Substances to avoid:
strong acids, strong bases, strong oxidizing agents

### Hazardous decomposition products

Hazardous decomposition products:
No hazardous decomposition products if stored and handled as prescribed/indicated.

## 11. Toxicological Information

### Information on toxicological effects

Acute toxicity

Assessment of acute toxicity:
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. Of moderate toxicity after single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact.

Experimental/calculated data:
LD50 rat (oral): approx. 1,490 mg/kg

LC50 rat (by inhalation): > 5.4 mg/l 4 h
No mortality was observed.

LD50 rat (dermal): > 2,000 mg/kg
No mortality was observed.

Irritation

Assessment of irritating effects:
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. May cause slight irritation to the eyes. Not irritating to the skin.

Experimental/calculated data:
Skin corrosion/irritation rabbit: non-irritant (OECD Guideline 404)

Serious eye damage/irritation rabbit: Irritant. (OECD Guideline 405)

Respiratory/Skin sensitization

Assessment of sensitization:
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. There is no evidence of a skin-sensitizing potential.

Experimental/calculated data:
modified Buehler test guinea pig: Non-sensitizing.

Germ cell mutagenicity

Assessment of mutagenicity:
The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

Carcinogenicity

Assessment of carcinogenicity:
The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: boscalid (ISO); 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-nicotinamide*
*Assessment of carcinogenicity:*
*In long-term studies in rats the substance induced thyroid tumors. The effect is caused by an animal specific mechanism that has no human counter part. In long-term studies in mice in which the substance was given by feed, a carcinogenic effect was not observed.*
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Reproductive toxicity

Assessment of reproduction toxicity:
The product has not been tested. The statement has been derived from the properties of the individual components. The results of animal studies gave no indication of a fertility impairing effect.

Developmental toxicity

Assessment of teratogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components. Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

Specific target organ toxicity (single exposure)

Assessment of STOT single:
Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Remarks: The product has not been tested. The statement has been derived from the properties of the individual components.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:
The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate*
*Assessment of repeated dose toxicity:*
*Repeated exposure may affect certain organs. Target organs: Liver, gastrointestinal tract and nasal cavity*

*Information on: Kaolin*
*Assessment of repeated dose toxicity:*
*Repeated inhalative uptake of particles/dust reaching the alveoli may cause damage to the lungs.*

*Information on: Silica gel, precipitated, crystalline free*
*Assessment of repeated dose toxicity:*
*The substance may cause damage to the lung after repeated inhalation of high doses.*
---

Aspiration hazard

No aspiration hazard expected.
The product has not been tested. The statement has been derived from the properties of the individual components.

Other relevant toxicity information

Misuse can be harmful to health.

## 12. Ecological Information

### Toxicity

Assessment of aquatic toxicity:
Very toxic to aquatic life with long lasting effects.

Toxicity to fish:
LC50 (96 h) 0.042 mg/l, Oncorhynchus mykiss (OECD Guideline 203)

Aquatic invertebrates:
EC50 (48 h) 0.08 mg/l, Daphnia magna (OECD Guideline 202, part 1)

Aquatic plants:
ErC50 (72 h) 4.99 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201)

EC10 (72 h) 1.29 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201)

*Information on: boscalid (ISO); 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-nicotinamide*
*Chronic toxicity to fish:*
*No observed effect concentration (97 d) 0.116 mg/l, Oncorhynchus mykiss*

*Information on: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate*
*Chronic toxicity to fish:*
*No observed effect concentration (98 d) approx. 0.00235 mg/l, Oncorhynchus mykiss (OECD Guideline 210, Flow through.)*
---

*Information on: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate*
*Chronic toxicity to aquatic invertebrates:*
*No observed effect concentration (21 d) 0.004 mg/l, Daphnia magna (OECD Guideline 202, part 2, semistatic)*
*The details of the toxic effect relate to the nominal concentration.*

*No observed effect concentration (31 d) 0.000365 mg/l, Mysidopsis bahia*
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## Persistence and degradability

Assessment biodegradation and elimination (H2O):
The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: boscalid (ISO); 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-nicotinamide*
*Assessment biodegradation and elimination (H2O):*
*Not readily biodegradable (by OECD criteria).*

*Information on: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate*
*Assessment biodegradation and elimination (H2O):*
*Not readily biodegradable (by OECD criteria).*
---

## Bioaccumulative potential

Assessment bioaccumulation potential:
The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: boscalid (ISO); 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-nicotinamide*

*Bioaccumulation potential:*
*Bioconcentration factor: 57 - 70 (28 d), Oncorhynchus mykiss*
*Does not accumulate in organisms.*

*Information on: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate*
*Bioaccumulation potential:*
*Bioconcentration factor: 379 - 507, Oncorhynchus mykiss (OECD Guideline 305)*
*Accumulation in organisms is not to be expected.*
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### Mobility in soil

Assessment transport between environmental compartments:
Adsorption in soil: The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: boscalid (ISO); 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-nicotinamide*
*Assessment transport between environmental compartments:*
*Adsorption in soil: Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.*

*Information on: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate*
*Assessment transport between environmental compartments:*
*Adsorption in soil: Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.*
---

### Results of PBT and vPvB assessment

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

### Other adverse effects

The product does not contain substances that are listed in the Montreal Protocol on substances that deplete the ozone layer.

### Additional information

Other ecotoxicological advice:
Do not discharge product into the environment without control.

## 13. Disposal Considerations

### Waste treatment methods

Must be sent to a suitable incineration plant, observing local regulations.

Contaminated packaging:
Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

## 14. Transport Information

**Land transport**

ADR

| | |
|---|---|
| UN number or ID number: | UN3077 |
| UN proper shipping name: | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BOSCALID, PYRACLOSTROBIN) |
| Transport hazard class(es): | 9, EHSM |
| Packing group: | III |
| Environmental hazards: | yes |
| Special precautions for user: | None known |

RID

| | |
|---|---|
| UN number or ID number: | UN3077 |
| UN proper shipping name: | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BOSCALID, PYRACLOSTROBIN) |
| Transport hazard class(es): | 9, EHSM |
| Packing group: | III |
| Environmental hazards: | yes |
| Special precautions for user: | None known |

**Inland waterway transport**
ADN

| | |
|---|---|
| UN number or ID number: | UN3077 |
| UN proper shipping name: | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BOSCALID, PYRACLOSTROBIN) |
| Transport hazard class(es): | 9, EHSM |
| Packing group: | III |
| Environmental hazards: | yes |
| Special precautions for user: | None known |

Transport in inland waterway vessel
Not evaluated

**Sea transport**

IMDG

| | |
|---|---|
| UN number or ID number: | UN 3077 |
| UN proper shipping name: | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BOSCALID, PYRACLOSTROBIN) |
| Transport hazard class(es): | 9, EHSM |
| Packing group: | III |
| Environmental hazards: | yes<br>Marine pollutant: YES |
| Special precautions for user: | EmS: F-A; S-F |

**Air transport**

IATA/ICAO

| | |
|---|---|
| UN number or ID number: | UN 3077 |
| UN proper shipping name: | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BOSCALID, PYRACLOSTROBIN) |
| Transport hazard class(es): | 9, EHSM |
| Packing group: | III |
| Environmental hazards: | yes |
| Special precautions for user: | None known |

### Maritime transport in bulk according to IMO instruments

Maritime transport in bulk is not intended.

**Further information**
Product may be shipped as non-hazardous in suitable packages containing a net quantity of 5 kg or less under the provisions of various regulatory agencies: ADR, RID, ADN: Special Provision 375; IMDG: 2:10.2.7; IATA: A197; TDS: Special Provision 99(2); 49CFR: §171.4 (c) (2) and also the Special Provision 375 in Appendix B which is regulated in China "Regulations Concerning Road Transportation of Dangerous Goods Part 3: Index of dangerous goods name and transportation requirements" (JT/T 617.3)

## 15. Regulatory Information

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

To avoid risks to man and the environment, comply with the instructions for use.

## 16. Other Information

Full text of classifications, hazard symbols and hazard statements, if mentioned in section 2 or 3:

| | |
|---|---|
| Acute Tox. | Acute toxicity |
| Eye Dam./Irrit. | Serious eye damage/eye irritation |
| Aquatic Acute | Hazardous to the aquatic environment - acute |
| Aquatic Chronic | Hazardous to the aquatic environment - chronic |
| Skin Irrit. | Skin irritation |
| Repr. | Reproductive toxicity |
| STOT SE | Specific target organ toxicity — single exposure |
| STOT RE | Specific target organ toxicity — repeated exposure |
| H401 | Toxic to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H315 | Causes skin irritation. |
| H331 | Toxic if inhaled. |
| H302 | Harmful if swallowed. |
| H335 | May cause respiratory irritation. |
| H361 | Suspected of damaging the unborn child. |
| H373 | May cause damage to organs (Liver, Nasal cavity, Gastrointestinal tract) through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H303 | May be harmful if swallowed. |
| H402 | Harmful to aquatic life. |
| H319 | Causes serious eye irritation. |

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.