

# Safety data sheet

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BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 29.07.2021

Version: 2.0

Product: **Magnum**

(ID no. 30789325/SDS\_CPA\_00/EN)

Date of print 06.07.2024

## 1. Identification

### Product identifier

## Magnum

### 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 SE

67056 Ludwigshafen

GERMANY

Operating Division Crop Protection

Telephone: +49 621 60-27777

E-mail address: Produktinformation-Pflanzenschutz@basf.com

### Emergency telephone number

International emergency number:

Telephone: +49 180 2273-112

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## 2. Hazards Identification

### Classification of the substance or mixture

According to UN GHS criteria

Asp. Tox. 1

Acute Tox. 4 (oral)

Acute Tox. 4 (Inhalation - mist)

Skin Corr./Irrit. 2

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Eye Dam./Irrit. 2A  
Skin Sens. 1  
STOT SE 3 (irritating to respiratory system)  
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:

Danger

Hazard Statement:

|             |   |
|-------------|---|
| H319        | Causes serious eye irritation.                        |
| H315        | Causes skin irritation.                               |
| H317        | May cause an allergic skin reaction.                  |
| H304        | May be fatal if swallowed and enters airways.         |
| H335        | May cause respiratory irritation.                     |
| H302 + H332 | Harmful if swallowed or if inhaled                    |
| 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):

|      |  |
|------|--|
| P280 | Wear protective gloves and eye protection or face protection.          |
| P271 | Use only outdoors or in a well-ventilated area.                        |
| P260 | Do not breathe mist or vapour.   |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P270 | Do not eat, drink or smoke when using this product.                    |
| P264 | Wash contaminated body parts thoroughly after handling.                |

Precautionary Statements (Response):

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|                    |  |
|--------------------|--|
| P312               | Call a POISON CENTER or 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. |
| P304 + P340        | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P301 + P310        | IF SWALLOWED: Immediately call a POISON CENTER or physician.   |
| P302 + P352        | IF ON SKIN: Wash with plenty of soap and water.  |
| P333 + P313        | If skin irritation or rash occurs: Get medical attention.  |
| P330               | Rinse mouth  |
| P391               | Collect spillage.  |
| P362 + P364        | Take off contaminated clothing and wash it before reuse.   |
| P331               | Do NOT induce vomiting.  |
| P337 + P313        | If eye irritation persists: Get medical attention.   |

**Precautionary Statements (Storage):**

|             |  |
|-------------|--|
| P403 + P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P405        | Store locked up.   |

**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: pyraclostrobin (ISO); methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}(N-methoxy)carbamate, Solvent naphtha (petroleum), heavy arom., Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., calcium salts, 2-Ethylhexan-1-ol

**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.

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**3. Composition/Information on Ingredients****Substances**

Not applicable

**Mixtures**Chemical nature

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crop protection product, fungicide

Hazardous ingredients (GHS)

According to UN GHS criteria

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

Content (W/W): 19,16 %

CAS Number: 175013-18-0

INDEX-Number: 613-272-00-6

Acute Tox. 3 (Inhalation - mist)

Skin Corr./Irrit. 2

STOT SE 3 (irr. to respiratory syst.)

Aquatic Acute 1

Aquatic Chronic 1

M-factor acute: 100

M-factor chronic: 10

H315, H331, H335, H400, H410

Solvent naphtha (petroleum), heavy arom.

Content (W/W): &lt; 55 %

CAS Number: 64742-94-5

EC-Number: 265-198-5

INDEX-Number: 649-424-00-3

Asp. Tox. 1

Aquatic Acute 2

Aquatic Chronic 2

H304, H401, H411

Alcohols, C12-18, ethoxylated propoxylated

Content (W/W): &lt; 20 %

CAS Number: 69227-21-0

Aquatic Acute 2

H401

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., calcium salts

Content (W/W): &lt; 5 %

CAS Number: 84989-14-0

EC-Number: 284-903-7

Acute Tox. 5 (oral)

Acute Tox. 5 (dermal)

Skin Corr./Irrit. 2

Eye Dam./Irrit. 1

Aquatic Acute 2

Aquatic Chronic 3

H318, H315, H303 + H313, H412, H401

2-Ethylhexan-1-ol

Content (W/W): &lt; 5 %

CAS Number: 104-76-7

EC-Number: 203-234-3

Flam. Liq. 4

Acute Tox. 5 (oral)

Acute Tox. 4 (Inhalation - mist)

Skin Corr./Irrit. 2

Eye Dam./Irrit. 2A

STOT SE 3 (irr. to respiratory syst.)

Aquatic Acute 3

H227, H319, H315, H332, H303, H335, H402

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

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## 4. First-Aid Measures

### Description of first aid measures

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:

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

On skin contact:

Immediately wash thoroughly with soap and water, seek medical attention.

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. Do not induce vomiting due to aspiration hazard.

### 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.

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## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:  
water spray, dry powder, foam, carbon dioxide

### Special hazards arising from the substance or mixture

Carbon monoxide, Carbon dioxide, Hydrogen chloride, nitrogen oxides, sulfur oxides, halogenated 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.

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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.

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## 6. Accidental Release Measures

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

Do not breathe vapour/spray. 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: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

For large amounts: Dike spillage. Pump off product.

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. Wear suitable protective equipment.

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## 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:

Vapours may form ignitable 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 from direct sunlight.

Storage stability:

Storage duration: 60 Months

Protect from temperatures below: 0 °C

Changes in the properties of the product may occur if substance/product is stored below indicated temperature for extended periods of time.

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.

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### 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.

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## 8. Exposure Controls/Personal Protection

### Control parameters

#### Components with occupational exposure limits

64742-94-5: Solvent naphtha (petroleum), heavy arom.  
104-76-7: 2-Ethylhexan-1-ol

### Exposure controls

#### Personal protective equipment

##### Respiratory protection:

Suitable respiratory protection for lower concentrations or short-term effect: Combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic particles (e. g. EN 14387 Type ABEK-P3)

##### 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.

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## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

Form: liquid  
Colour: dark yellow  
Odour: moderate odour, aromatic

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|   |  |                                   |
|---|--|-----------------------------------|
| Odour threshold:                                    | Not determined since harmful by inhalation.  |                                   |
| pH value:   | approx. 5 - 7<br>(water, 1 %(m), 20 °C)  | (pH Meter)                        |
| solidification temperature:                         | < -20 °C   | (measured)                        |
| onset of boiling:                                   | approx. 244 °C   |                                   |
| Flash point:  | Information applies to the solvent.<br>118 °C  | (Directive 92/69/EEC, A.9)        |
| Evaporation rate:                                   | not applicable   |                                   |
| Flammability:                                       | not applicable   |                                   |
| 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. |                                   |
| Ignition temperature:                               | 450 °C   | (Directive 92/69/EEC, A.15)       |
| Vapour pressure:                                    | approx. 0,003 kPa<br>(20 °C)   |                                   |
| Density:  | Information applies to the solvent.<br>approx. 1,032 g/cm <sup>3</sup><br>(20 °C)  |                                   |
| Relative vapour density (air):                      | not applicable   |                                   |
| Solubility in water:                                | emulsifiable   |                                   |
| Partitioning coefficient n-octanol/water (log Kow): | not applicable   |                                   |
| Thermal decomposition:                              | No decomposition if stored and handled as prescribed/indicated.  |                                   |
| Viscosity, dynamic:                                 | approx. 16,1 mPa.s<br>(40 °C, 100 1/s)   | (OECD 114)                        |
| Viscosity, kinematic:                               | approx. 15,8 mm <sup>2</sup> /s<br>(40 °C)   |                                   |
| Explosion hazard:                                   | not explosive  |                                   |
| Fire promoting properties:                          | not fire-propagating   | (UN Test O.2 (oxidizing liquids)) |

### Other information

Other Information:

If necessary, information on other physical and chemical parameters is indicated in this section.



## 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.

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## 11. Toxicological Information

### Information on toxicological effects

#### Acute toxicity

Assessment of acute toxicity:

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

Experimental/calculated data:

LD50 rat (oral): approx. 500 mg/kg (OECD Guideline 423)

LC50 rat (by inhalation): 4,48 mg/l 4 h (OECD Guideline 403)

An aerosol with respirable particles was tested.

LD50 rat (dermal): > 5.000 mg/kg (OECD Guideline 402)

#### Irritation

Assessment of irritating effects:

Eye contact causes irritation. Skin contact causes irritation. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Experimental/calculated data:

Skin corrosion/irritation rabbit: Irritant. (OECD Guideline 404)

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

#### Respiratory/Skin sensitization

Assessment of sensitization:

Sensitization after skin contact possible. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Experimental/calculated data:

Guinea pig maximization test guinea pig: sensitizing (OECD Guideline 406)

#### 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. The results of various animal studies gave no indication of a carcinogenic effect.

#### 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:

Causes temporary irritation of the respiratory tract.

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)

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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:*

*After repeated exposure the prominent effect is local irritation. The substance may cause damage to the olfactory epithelium after repeated inhalation.*

*Information on: Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., calcium salts*

*Assessment of repeated dose toxicity:*

*After repeated exposure the prominent effect is local irritation. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

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#### Aspiration hazard

May also damage the lung at swallowing (aspiration hazard).

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.

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## 12. Ecological Information

### Toxicity

Assessment of aquatic toxicity:

Very toxic to aquatic life with long lasting effects.

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Toxicity to fish:

LC50 (96 h) 0,036 mg/l, *Oncorhynchus mykiss* (OECD 203; ISO 7346; 84/449/EEC, C.1)

Aquatic invertebrates:

EC50 (48 h) 0,065 mg/l, *Daphnia magna* (Directive 92/69/EEC, C.2, static)

Aquatic plants:

EC50 (72 h) 14,2 mg/l (growth rate), *Pseudokirchneriella subcapitata* (OECD Guideline 201)

### Persistence and degradability

Assessment biodegradation and elimination (H<sub>2</sub>O):

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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 biodegradation and elimination (H<sub>2</sub>O):*

*Not readily biodegradable (by OECD criteria).*

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### **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: 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: 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.*

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### **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.

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## 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.

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## 14. Transport Information

### Land transport

ADR

|                               |  |
|-------------------------------|--|
| UN number                     | UN3082   |
| UN proper shipping name:      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains PYRACLOSTROBIN, SOLVENT NAPHTHA) |
| Transport hazard class(es):   | 9, EHSM  |
| Packing group:                | III  |
| Environmental hazards:        | yes  |
| Special precautions for user: | None known   |

RID

|                               |  |
|-------------------------------|--|
| UN number                     | UN3082   |
| UN proper shipping name:      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains PYRACLOSTROBIN, SOLVENT NAPHTHA) |
| Transport hazard class(es):   | 9, EHSM  |
| Packing group:                | III  |
| Environmental hazards:        | yes  |
| Special precautions for user: | None known   |

### Inland waterway transport

ADN

|                               |  |
|-------------------------------|--|
| UN number                     | UN3082   |
| UN proper shipping name:      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains PYRACLOSTROBIN, SOLVENT NAPHTHA) |
| Transport hazard class(es):   | 9, EHSM  |
| Packing group:                | III  |
| Environmental hazards:        | yes  |
| Special precautions for user: | None known   |

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user:

Transport in inland waterway vessel

Not evaluated

**Sea transport**

## IMDG

UN number: UN 3082  
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S. (contains PYRACLOSTROBIN, SOLVENT NAPHTHA)  
Transport hazard class(es): 9, EHSM  
Packing group: III  
Environmental hazards: yes  
Marine pollutant: YES  
Special precautions for user: None known

**Air transport**

## IATA/ICAO

UN number: UN 3082  
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,  
N.O.S. (contains PYRACLOSTROBIN, SOLVENT NAPHTHA)  
Transport hazard class(es): 9, EHSM  
Packing group: III  
Environmental hazards: yes  
Special precautions for user: None known

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

Regulation: Not evaluated  
Shipment approved: Not evaluated  
Pollution name: Not evaluated  
Pollution category: Not evaluated  
Ship Type: Not evaluated

**Further information**

Product may be shipped as non-hazardous in suitable packages containing a net quantity of 5 L or less under the provisions of various regulatory agencies: ADR, RID, ADN: Special Provision 375; IMDG: 2.10.2.7; IATA: A197; TDG: 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

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Transportation of Dangerous Goods Part 3 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:

|                   |   |
|-------------------|---|
| Asp. Tox.         | Aspiration hazard                                     |
| Acute Tox.        | Acute toxicity  |
| Skin Corr./Irrit. | Skin corrosion/irritation                             |
| Eye Dam./Irrit.   | Serious eye damage/eye irritation                     |
| Skin Sens.        | Skin sensitization                                    |
| STOT SE           | Specific target organ toxicity — single exposure      |
| Aquatic Acute     | Hazardous to the aquatic environment - acute          |
| Aquatic Chronic   | Hazardous to the aquatic environment - chronic        |
| Flam. Liq.        | Flammable liquids                                     |
| H315              | Causes skin irritation.                               |
| H331              | Toxic if inhaled.                                     |
| H335              | May cause respiratory irritation.                     |
| H400              | Very toxic to aquatic life.                           |
| H410              | Very toxic to aquatic life with long lasting effects. |
| H304              | May be fatal if swallowed and enters airways.         |
| H401              | Toxic to aquatic life.                                |
| H411              | Toxic to aquatic life with long lasting effects.      |
| H318              | Causes serious eye damage.                            |
| H303 + H313       | May be harmful if swallowed or in contact with skin   |
| H412              | Harmful to aquatic life with long lasting effects.    |
| H227              | Combustible liquid.                                   |
| H319              | Causes serious eye irritation.                        |
| H332              | Harmful if inhaled.                                   |
| H303              | May be harmful if swallowed.                          |
| H402              | Harmful to aquatic life.                              |

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.

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BASF Safety data sheet according to UN GHS 4th rev.

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Vertical lines in the left hand margin indicate an amendment from the previous version.