SUMITOMO CHEMICAL (U.K.) PLC

# SAFETY DATA SHEET
# BORNEO®

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

| | |
|---|---|
| **Product name** | **BORNEO®** |
| **Name** | Etoxazole, 110 g/l suspension concentrate |
| **GIFAP Code** | SC |
| **Synonyms; trade names** | |

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

| | |
|---|---|
| **Identified uses** | Acaricide (agricultural use) |
| **Uses advised against** | Not for public use |

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

| | |
|---|---|
| **Supplier** | Sumitomo Chemical (UK) Plc |
| | Hythe House |
| | 200 Shepherds Bush Road |
| | Hammersmith |
| | London |
| | W6 7NL |
| | regulatory@scuk.sumitomo-chem.co.uk |
| | +44 (0)203 538 3099 |

### 1.4. Emergency telephone number

| | |
|---|---|
| **Emergency telephone** | +44 (0)1235 239670 (EU) |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification (EC 1272/2008)**

| | |
|---|---|
| **Physical hazards** | None |
| **Health hazards** | None |
| **Environmental hazards** | Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410 |

### 2.2. Label elements

**Pictogram**

| | |
|---|---|
| **Signal word** | Warning |
| **Hazard statements** | H410 Very toxic to aquatic life with long lasting effects. |
| **Precautionary statements** | P391 Collect spillage. |

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| | |
|---|---|
| | P501 (UK) Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste. |
| | P501 (IE) Dispose of contents/container to a licensed waste disposal contractor or collection site except for triple-rinsed empty containers which can be disposed of as non-hazardous waste. |
| **Supplemental label information** | EUH208 Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction. |
| | EUH401 To avoid risks to human health and the environment, comply with the instructions for use. |
| **Special risks and safety precautions (Commission Regulation (EU) 547/2011): General provisions** | SP1 Do not contaminate water with the product or its container. (Do not clean application equipment near surface water.) |
| **Special risks and safety precautions (Commission Regulation (EU) 547/2011): Specific safety precautions** | SPe3 To protect aquatic organisms respect an unsprayed buffer zone of (as indicated on the label) to surface water bodies. |
| **2.3. Other hazards** | None known. |

## SECTION 3: Composition/information on ingredients

**3.1. Substances**
**Classification according to Regl 1272/2008**

**3.2 Mixtures**
**Classification according to Regl 1272/2008**

**(RS)-5-tert-butyl-2-[2-(2,6-difluorophenyl)-4,5-dihydro-1,3-oxazol-4-yl] phenetole** **11%**

CAS number: 153233-91-1
M factor (Acute) = 100 M factor (Chronic) = 100

**Classification**
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

**1,2-benzisothiazol-3(2H)-one** **≥ 0.005 - < 0.1%**

CAS number: 2634-33-5 EC number: 220-120-9
M factor (Acute) = 1

**Classification**
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Dam. 1 – H318
Skin Sens. 1 – H317
Aquatic Acute 1 - H400
Aquatic Chronic 3 - H412

The full text for all hazard statements is displayed in Section 16.

**Composition comments** All percentages displayed expressed as weight/weight.

**Other information** Code ID : PHIL 98/03

## SECTION 4: First aid measures

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### 4.1. Description of first aid measures

**General information** If in doubt, get medical attention promptly.

**Inhalation** Move affected person to fresh air at once. If symptoms persist, seek medical advice.

**Ingestion** Rinse mouth. Never induce vomiting in unconscious or confused persons. Get medical attention

**Skin contact** Remove contaminated clothing and rinse skin thoroughly with water.

**Eye contact** Rinse immediately and as long as possible with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical advice if irritation develops.

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

**General information** No typical symptoms and effects known.

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

**Notes for the doctor** No specific recommendations.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Dry chemical powder. Carbon dioxide (CO2). Sand. Water.

**Unsuitable extinguishing media** None known.

### 5.2. Special hazards arising from the substance or mixture

**Hazardous combustion products** In case of fire: No known hazardous decomposition products.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Water used to extinguish a fire should not be allowed to enter the drainage system or watercourses.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel** Wear protective gloves, safety goggles or face shield, and suitable protective clothing. Remove ignition sources. Evacuate the danger area.

**For emergency responders** Wear protective nitrile gloves, safety goggles or face shield, and suitable protective clothing. Remove ignition sources. Evacuate the danger area or consult an expert.

### 6.2. Environmental precautions

**Environmental precautions** Do not allow escape into sewage system or watercourses. Do not wash residues into drains or other waterways.

### 6.3. Methods and material for containment and cleaning up

**Containment of a spill** Do not allow escape into sewage system or watercourses.

**Methods for cleaning up** In case of spill (liquid) soak it up immediately with suitable absorbent such as sawdust or granular absorbent clay. Sweep up and place into sealable containers. Dig up heavily contaminated soil and place into drums. Use a damp cloth to clean floors and other objects, and also place in sealable container. Dispose of all waste and contaminated clothing in the same manner as waste chemicals (i.e. via an authorized disposal facility). Do not wash residues into drains or other waterways.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection see section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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| | |
|---|---|
| **Fire and explosion prevention** | No specific recommendations. |
| **Usage precautions** | Follow precautions for safe handling described in this safety data sheet. Avoid spilling. Do not allow to escape into sewage system or water courses. |
| **Advice on general occupational hygiene** | Do not eat, drink or smoke when using this product. |

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

| | |
|---|---|
| **Storage precautions** | Store in tightly-closed, original container in a dry and cool place. Keep container in a well-ventilated place. Keep away from food, drink and animal feedingstuffs. |
| **Other information** | Do not mix with water (except for the normal preparation). Store away from incompatible materials (see Section 10). |

### 7.3. Specific end use(s)

| | |
|---|---|
| **Specific end use(s)** | See label on the container. |

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| | |
|---|---|
| **Occupational exposure limits** | There is no national exposure limit for this product.<br>No chemical safety report is required for this kind of product. |

### 8.2. Exposure controls

| | |
|---|---|
| **Appropriate engineering controls** | Provide adequate ventilation. |
| **Eye/face protection** | Wear safety goggles or face shield. |
| **Hand protection** | Wear protective nitrile gloves. |
| **Other skin and body protection** | Wear appropriate clothing to prevent any possibility of skin contact. |
| **Hygiene measures** | Wash contaminated clothing before reuse. |
| **Respiratory protection** | The usual precautions for handling chemicals should be observed. |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| **Name** | Etoxazole, 110 g/l suspension concentrate (Code ID: PHIL 98/03) |
| **Appearance** | Opaque liquid (visual inspection) |
| **Colour** | White (visual inspection) |
| **Odour** | Faint chemical (Olfactory assessment) |
| **Odour threshold** | Not determined |
| **pH** | pH (diluted solution): 7.7 (1%) @ 24°C (CIPAC MT 75.2 handbook F) |
| **Melting point** | -4.3°C (freezing point) |
| **Initial boiling point and range** | Not determined |
| **Flash point** | > 70°C Abel-Pensky |
| **Evaporation rate** | Not applicable |
| **Flammability (solid, gas)** | Not flammable |
| **Upper/lower flammability or explosive limits** | Not determined |
| **Vapour pressure** | Not determined |
| **Vapour density** | Not applicable |
| **Relative density** | 1.03 g/ml @ 20°C (CIPAC MT 3.3.2 handbook F) (density bottle) |
| **Bulk density** | Not applicable |
| **Solubility(ies)** | Dispersible in water. (Etoxazole : Solubility : 0.0704 mg/l water @ 20°C (column elution method) (EEC A.6) ) |
| **Solubility in other solvents** | Not applicable |
| **Partition coefficient** | Not applicable. (Etoxazole : log Pow: 5.5 @ 20°C (EEC A.8) ) |
| **Auto-ignition temperature** | Not auto-flammable up to 600°C (EEC A.15) |
| **Decomposition temperature** | Not determined. (Etoxazole : The substance decomposed during the boiling point test, with onset at 293°C (EEC A.2) ) |

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| | |
|---|---|
| **Viscosity** | Dynamic viscosity: 31-452 mPa s,<br>Dynamic viscosity @ 20°C (shear rate 504-10.58 s-1 (OECD 114)<br>Kinematic viscosity: Not determined |
| **Explosive properties** | Not explosive. Expert judgement. |
| **Oxidising properties** | Not oxidising. Expert judgement. |

**9.2. Other information**

| | |
|---|---|
| **Relative vapour density (air = 1)** | Not determined. |

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

| | |
|---|---|
| **Reactivity** | Stable under recommended storage and handling conditions. See also section 7. |

**10.2. Chemical stability**

| | |
|---|---|
| **Stability** | Stable for a minimum of 2 years under recommended storage and handling conditions. See section 7. |

**10.3. Possibility of hazardous reactions**

| | |
|---|---|
| **Possibility of hazardous reactions** | None known. |

**10.4. Conditions to avoid**

| | |
|---|---|
| **Conditions to avoid** | Avoid high temperature, light, humidity. |

**10.5. Incompatible materials**

| | |
|---|---|
| **Materials to avoid** | None known. |

**10.6. Hazardous decomposition products**

| | |
|---|---|
| **Hazardous decomposition products** | In case of fire: No known hazardous decomposition products. See also section 5. |

## SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

| | |
|---|---|
| **Toxicological effects** | No experimental toxicological data are available on the preparation as such. |
| **Name** | Etoxazole, 110 g/l suspension concentrate (Code ID: TN02) (Close formulation) |
| **Acute toxicity - oral** | |
| **Acute toxicity - oral** | $LD_{50}$ rat: >5000 mg/kg (EEC B.1) |
| **Acute toxicity - dermal** | |
| **Acute toxicity - dermal** | $LD_{50}$ rat: >2000 mg/kg (EEC B.3) |
| **Acute toxicity - inhalation** | |
| **Acute toxicity - inhalation** | $LC_{50}$ rat (4 hours): > 1.09 mg/l, maximum feasible concentration, whole body (OECD 403) |
| **Skin corrosion/irritation** | |
| **Skin corrosion/irritation** | Not irritating (EEC B.4) |
| **Serious eye damage/irritation** | |
| **Serious eye damage/irritation** | Mildly irritating (EEC B.5) |
| **Skin sensitisation** | |
| **Skin sensitisation** | Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. (EEC B.6) |

**Toxicological information on ingredients**

| | |
|---|---|
| **Name** | Active substance; Etoxazole, technical grade |
| **Acute toxicity - oral** | |
| **Acute toxicity - oral** | $LD_{50}$ rat: >5000 mg/kg (OECD 401) |
| **Acute toxicity - dermal** | |

# BORNEO®

| | |
|---|---|
| **Acute toxicity - dermal** | $LD_{50}$ rat: >2000 mg/kg (OECD 402) |
| **Acute toxicity - inhalation** | |
| **Acute toxicity - inhalation** | $LC_{50}$ rat (4 hours): > 1.09 mg/l, maximum feasible concentration, whole body (OECD 403) |
| **Skin corrosion/irritation** | |
| **Skin corrosion/irritation** | Not irritating. (OECD 404) |
| **Serious eye damage/irritation** | |
| **Serious eye damage/irritation** | Not irritating. (OECD 405) |
| **Skin sensitisation** | |
| **Skin sensitisation** | Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. (EEC B.6) |
| **Germ cell mutagenicity** | |
| **Genotoxicity – in vitro** | Negative |
| **Genotoxicity – in vivo** | Negative |
| **Carcinogenicity** | |
| **Carcinogenicity** | (rats, mice): No carcinogenic effect. (OECD 451, 453) |
| **Reproductive toxicity** | |
| **Reproductive toxicity - fertility** | Multigeneration study, Rat: Negative. (OECD 416) |
| **Reproductive toxicity - development** | Teratogenicity: Negative. (OECD 414) |
| **Acute neurotoxicity** | NOAEL = 2000 mg/kg, Oral, Rat (OECD 424) |
| **Acute phototoxicity** | Negative. (in vitro) (OECD 432) |
| **90d neurotoxicity** | NOAEL = 858 mg/kg bw/day, Oral, Rat (OECD 424) |

| | |
|---|---|
| **General information** | Based on the available data, no classification criteria are met for any of these hazard classes. |
| **Route of exposure** | This product is for agricultural use; therefore, the most probable routes of exposure are via skin or inhalation. |

## SECTION 12: Ecological information

### 12.1. Toxicity

| | |
|---|---|
| **Ecotoxicity** | No experimental ecological data are available on the preparation as such. |
| **Name** | Etoxazole, 110 g/l suspension concentrate (Code ID: TN02) (Close formulation) |
| **Acute aquatic toxicity** | |
| **Acute toxicity - aquatic invertebrates** | $EC_{50}$ 48 hours: 0.019 mg/l *Daphnia magna* (OECD 202) |
| **Acute toxicity - terrestrial** | $LD_{50}$, 48 hours, oral: >100 µg/bee *Apis mellifera* (Honeybee)<br>$LD_{50}$, 48 hours, contact: >100 µg/bee *Apis mellifera* (Honeybee). (EPPO 170) |

**Ecological information on ingredients**

| | |
|---|---|
| **Name** | Active substance; Etoxazole, technical grade |
| **Acute aquatic toxicity** | |
| **LE(C)$_{50}$** | $0.001 < LE(C)_{50} \leq 0.01$ |
| **M factor (Acute)** | 100 |
| **Acute toxicity - fish** | $LC_{50}$, 96 hours: 2.8 mg/l, *Onchorhynchus mykiss* (Rainbow trout) (OECD 203)<br>$LC_{50}$, 96 hours: 1.4 mg/l, *Lepomis macrochirus* (Bluegill) (OECD 203) |
| **Acute toxicity - aquatic invertebrates** | $EC_{50}$, 48 hours: 0.0071 mg/l, *Daphnia magna* (OECD 202)<br>$LC_{50}$, 10 days: >56 mg/kg, *Chironomus riparius* (Sediment dwelling midge) (ASTM Guideline E 1706-95b) |
| **Acute toxicity - algae** | $ECb_{50}$, $ECr_{50}$, 72 hours: >10 mg/l, *Selenastrum capricornutum*<br>NOEC, 72 hours: >10 mg/l, *Selenastrum capricornutum* (OECD 201) |

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| | |
|---|---|
| **Acute toxicity - microorganisms** | $EC_{50}$, 3 hours: >1000 mg/l, Activated sludge (OECD 209) |
| **Acute toxicity - terrestrial** | $LD_{50}$, single dose oral: >2000 mg/kg, *Anas platyrhynchos* (Mallard duck) (FIFRA 71-1)<br>$LD_{50}$, 48 hours, oral: >200 µg/bee *Apis mellifera* (Honeybee)<br>$LD_{50}$, 48 hours, contact: >200 µg/bee *Apis mellifera* (Honeybee) (FIFRA 141-1, EPPO 170)<br>$LC_{50}$, 14 days, oral: >1000 mg/kg soil, *Eisenia fetida* (Earthworm) (OECD 207)<br>No significant impact on carbon mineralization or nitrogen transformation at up to 0.35 mg as/kg dw soil, Soil micoroorganisms (SETAC - procedures for assessing the environmental fate and ecotoxicity of pesticides) |
| **Chronic aquatic toxicity** | |
| **NOEC** | 0.0001 < NOEC ≤ 0.001 |
| **Degradability** | Non-rapidly degradable |
| **M factor (Chronic)** | 100 |
| **Chronic toxicity - aquatic invertebrates** | NOEC, 21 days: 0.0002 mg/l, *Daphnia magna* (OECD 202)<br>NOEC, 21 days: 0.00013 mg/l, *Daphnia magna* (OPPTS Draft Guideline 850.1300) |

## 12.2. Persistence and degradability

**Ecological information on ingredients**

| | |
|---|---|
| **Name** | Active substance; Etoxazole, technical grade |
| **Stability (hydrolysis)** | pH 5: $DT_{50}$: 9.6 days @ 20°C<br>pH 7: $DT_{50}$: 147-161 days @ 20°C<br>pH 9: $DT_{50}$: 165-217 days @ 20°C (OECD 111) |
| **Biodegradation** | Not readily biodegradable (OECD 301D) (closed bottle test) |

## 12.3. Bioaccumulative potential

| | |
|---|---|
| **Name** | Etoxazole, 110 g/l suspension concentrate (Code ID: PHIL 98/03) |
| **Partition coefficient** | Not applicable. (Etoxazole : log Pow: 5.5 @ 20°C (EEC A.8)) |

**Ecological information on ingredients**

| | |
|---|---|
| **Name** | Active substance; Etoxazole, technical grade |
| **Bioaccumulative potential** | BCF: exposure 30 days 2500-3300, *Onchorhynchus mykiss* (Rainbow trout)<br>CT50, depuration time: 3-6 days, whole fish, *Onchorhynchus mykiss* (Rainbow trout) (OECD 305E) |
| **Partition coefficient** | log Pow: 5.5 @ 20°C (EEC A.8) |

## 12.4. Mobility in soil

| | |
|---|---|
| **Name** | Etoxazole, 110 g/l suspension concentrate (Code ID: PHIL 98/03) |
| **Surface tension** | 42 mN/m @ 20°C (Concentration: 0.166 ml/l) (EEC A.5) |

**Ecological information on ingredients**

| | |
|---|---|
| **Name** | Active substance; Etoxazole, technical grade |
| **Mobility** | Low mobility |
| **Adsorption/desorption coefficient** | Soil – Adsorption, Koc: 4910 – 11000 ml/g @ 20°C<br>Soil – Desorption, Koc: 11850 – 40750 ml/g @ 20°C (OECD 106) |
| **Surface tension** | Not applicable |

## 12.5. Results of PBT and vPvB assessment

**Ecological information on ingredients**

| | |
|---|---|
| **Name** | Active substance; Etoxazole, technical grade |
| **Results of PBT and vPvB assessment** | Not required (no chemical safety report required). |

## 12.6. Other adverse effects

**Ecological information on ingredients**

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| | |
|---|---|
| **Name** | Active substance; Etoxazole, technical grade |
| **Other adverse effects** | No other known adverse effects on the environment. |

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** According to local regulations. For further advice, contact manufacturer.

## SECTION 14: Transport information

### 14.1. UN Number

| | |
|---|---|
| **UN No. (ADR/RID)** | 3082 |
| **UN No. (IMDG)** | 3082 |
| **UN No. (ICAO)** | 3082 |

### 14.2. UN proper shipping name

| | |
|---|---|
| **Proper shipping name (ADR/RID)** | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (etoxazole) |
| **Proper shipping name (IMDG)** | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (etoxazole) |
| **Proper shipping name (ICAO)** | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (etoxazole) |

### 14.3. Transport hazard class(es)

| | |
|---|---|
| **ADR/RID class** | 9 |
| **ADR/RID label** | 9 |
| **IMDG class** | 9 |
| **ICAO class/division** | 9 |

### 14.4. Packing group

| | |
|---|---|
| **ADR/RID packing group** | III |
| **IMDG packing group** | III |
| **ICAO packing group** | III |

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

### 14.6. Special precautions for user

No other special precaution required.

**EmS** F-A, S-F

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the ICB Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the ICB Code** Not applicable

## SECTION 15: Regulatory information

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

**EU legislation** There is no specific regulation/legislation for this mixture.

### 15.2. Chemical safety assessment

No chemical safety assessment is required for this mixture.

## SECTION 16: Other information

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**Method for evaluating information referred to in Article 9 of Regulation (EC) No 1272/2008 used for the purpose of classification**

Classification based on; tests, close formulation(s), properties of the active substance, ingredients**.**

**Classification abbreviations and acronyms**

Acute Tox. = Acute toxicity
Aquatic Acute = Hazardous to the aquatic environment (acute)
Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Eye Dam. = Serious eye damage
Skin Irrit. = Skin irritation
Skin Sens. = Skin sensitisation

**Abbreviations and acronyms Used in the safety data sheet**

ASTM : American Society for Testing Material
CAS: Chemical Abstracts Service.
CFR : Code of Federal Regulations
CLP : Classification, Labelling and Packaging
EC : European Community
EEC : European Economic Community
EPA : Environmental Protection Agency (USA)
EPPO : European and Mediterranean Plant Protection Organization
EU : European Union
GIFAP : International Group of National Associations of manufacturers of Agrochemical Products
GHS: Globally Harmonized System.
ID : identification
i.e. : shortening of the Latin expression id est, which is translated as “that is.”
OECD : Organisation for Economic Co-operation and Development
PBT: Persistent, Bioaccumulative and Toxic substance.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
Regl : Regulation
US EPA : United States Environmental Protection Agency
vPvB: Very Persistent and Very Bioaccumulative.
w/w : weight per weight
FIFRA : Federal Insecticide, Fungicide and Rodenticide Act of 1972
$LD_{50}$: Lethal Dose to 50% of a test population (Median Lethal Dose).
$LC_{50}$: Lethal Concentration to 50 % of a test population.
$EC_{50}$: 50% of maximal Effective Concentration.
NOEC: No Observed Effect Concentration.
NOAEL: No Observed Adverse Effect Level.
ECb50 : 50% of maximal Effective Concentration on biomass.
NOECb : No Observed Effect Concentration on biomass.
EC50fd : 50% of maximal Effective Concentration on frond density.
NOECfd : No Observed Effect Concentration on frond density.
$DT_{50}$ : degradation time for 50% of a compound
log Pow : Octanol-water partition coefficient.
Koc : organic carbon adsorption coefficient
BCF: Bioconcentration Factor.
UN: United Nations.
No. : number
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
IMDG: International Maritime Dangerous Goods.
ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
N.O.S. : Not Otherwise Specified
EmS : Emergency Response Procedures for Ships Carrying Dangerous Goods
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
IBC: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code).

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SDS : Safety Data Sheet
CT50 : clearance time
ECr&b50 : 50% of maximal Effective Concentration on growth rate and biomass.
ECr50 : 50% of maximal Effective Concentration on growth rate.
NOECr : No Observed Effect Concentration on growth rate.
NOECr&b : No Observed Effect Concentration on growth rate and biomass.
Vol. = volume
CIPAC : Collaborative International Pesticides Analytical Council
USP : United States Pharmacopeia
SC: Suspension concentrate (= flowable concentrate)
a.s. : active substance
bw: bodyweight
OPPTS : Office of Prevention, Pesticides & Toxic Substances

**Revision comments** Sections were modified as follows: update of classification (ingredients), update of data, hazards identification/precautionary statements.

**Hazard statements in full**
H302 Harmful if swallowed
H315 Causes skin irritation
H317 May cause an allergic reaction
H318 Causes serious eye damage
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
H412 Harmful to aquatic life with long lasting effects

**Reference of the SDS** Based on S128311SCphPHIL9803EU/421gb from SCAE

This information only concerns the above mentioned product for the specific use mentioned and is not valid for such product used in combination with any other product. The information is to our best present knowledge correct and complete and is given in good faith as of the date indicated. It is the user's responsibility to use this information as appropriate for his own particular use of this product.