

🗫 SUMITOMO CHEMICAL AGRO EUROPE S.A.S.

SAFETY DATA SHEET Flumioxazin 50 WP

According to Regulation (EC) No 1907/2006 (REACH)

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

1.1. Product identifier

Product name Flumioxazin 50 WP

Name Flumioxazin, 500 g/kg wettable powder

GIFAP Code WP

Reference of the SDS S5348250WPCJ10EEU/520gb

Product number CJ10E

Synonyms; trade names Pledge, Pledge 50 WP, Rami, Toki

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

Identified uses Herbicide (agricultural use)

Uses advised against Not for public use

1.3. Details of the supplier of the safety data sheet

Supplier SUMITOMO CHEMICAL AGRO EUROPE S.A.S

> Parc d'affaires de Crécy 10A rue de la voie lactée

69370 Saint-Didier-Au-Mont-D'Or

France

+33 (0)4 78 64 32 60 sds@sumitomo-chem.fr

1.4. Emergency telephone number

Emergency telephone 24 hours/24

Europe: +44 (0) 1235 239 670

Middle East & Africa: +44 (0) 1235 239 671

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Classified as hazardous

regulation (EC) No 1272/2008 (CLP)

according to

Not Classified Physical hazards

Health hazards Repr. 1B - H360D

Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

2.2. Label elements

Pictogram





Signal word Danger

Hazard statements H360D May damage the unborn child.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P308+P313 IF exposed or concerned: Get medical advice/ attention.

P391 Collect spillage. P405 Store locked up.

P501 Dispose of contents/ container in accordance with local regulations.

Supplemental label

information use.

EUH401 To avoid risks to human health and the environment, comply with the instructions for

Special Risks and safety precautions (Commission Regulation (EU) 547/2011): SP1: Do not contaminate water with the product or its container (Do not clean application

equipment near surface water).

General provisions

Special Risks and safety

precautions (Commission Regulation (EU) 547/2011):

Specific safety precautions

SPo 2: Wash all protective clothing after use.

SPe 3: To protect aquatic organisms respect an unsprayed buffer zone of (as indicated on the

label) to surface water bodies.

2.3. Other hazards

May form explosible dust-air mixture if dispersed.

SECTION 3: Composition/information on ingredients

3.1. Substances

Classification according to

Regl 1272/2008

3.2. Mixtures

Classification according to

Regl 1272/2008

N-(7-fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-

50.0%

benzooxazin-6-yl)cyclohex-1-ene-1,2-dicarboximide

CAS number: 103361-09-7

M factor (Acute) = 1000 M factor (Chronic) = 1000

Classification

Repr. 1B - H360D Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

kaolin < 40%

CAS number: 1332-58-7 EC number: 310-194-1

Classification

Not Classified

Flumioxazin 50 WP

Aromatic hydrocarbons, C10-13, reaction products with

≥ 1 - < 10%

branched nonene, sulfonated, sodium salts

CAS number: 1258274-08-6

Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Sulfonated aromatic polymer, sodium salt

≥ 1 - < 10%

CAS number: -

Classification
Eye Irrit. 2 - H319

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments This product contains respirable crystalline silica . The product is always presented under

water soluble bags and no dust can occur.

Other information Code ID: CJ10E

SECTION 4: First aid measures

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

Human Health May damage the unborn child.

General information Dust may be irritating to the respiratory tract and cause symptoms of bronchitis.

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

Notes for the doctor Symptomatic treatment is advised.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

Unsuitable extinguishing

None known.

media

5.2. Special hazards arising from the substance or mixture

Specific hazards In case of fire: Thermal decomposition may evolve toxic and irritant vapours.

5.3. Advice for firefighters

Protective actions during

Water used to extinguish a fire should not be allowed to enter the drainage system or water

firefighting courses.

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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 Do not breathe dust. Wear protective gloves, safety goggles or face shield, and suitable

protective clothing. Remove of ignition sources. Evacuate the danger area.

For emergency responders Do not breathe dust. Wear protective gloves (nitrile), safety goggles or face shield, and

suitable protective clothing. Remove of ignition sources. Evacuate the danger area or consult

an expert.

6.2. Environmental precautions

Environmental precautions Do not allow to escape into sewage system or water courses. 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 to escape into sewage system or water courses.

Methods for cleaning up Clean up spills immediately. 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

Fire and explosion prevention May form explosible dust-air mixture if dispersed.

Avoid generation and spreading of dust.

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 feeding stuffs.

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

According to local regulations.

No chemical safety report is required for this kind of product.

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8.2. Exposure controls

Appropriate engineering

controls

Provide adequate ventilation.

Eye/face protection We

Wear safety goggles or face shield.

Hand protection

Wear protective gloves made of the following material: Nitrile rubber.

Other skin and body

protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures Wash contaminated clothing before reuse.

Respiratory protection In case of dust formation, use dust mask.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Name Flumioxazin, 500 g/kg wettable powder (Code ID : CJ10E)

Appearance Powder. (Visual assessment)

Colour Brown. (Visual assessment)

Odourless. (Olfactory assessment)

Odour threshold Not determined.

pH (diluted solution): 6.0 (5%) @ 22°C (EPA FIFRA 63-12)

Melting pointNot determined.Initial boiling point and rangeNot applicable.Flash pointNot applicable.

Evaporation rate Not applicable.

Flammability (solid, gas) not "highly flammable". (EEC A.10)

Upper/lower flammability or

explosive limits

Not determined.

Vapour pressure Not determined.

Vapour density Not applicable.

Relative density Not determined.

Bulk density Loose: 0.366 g/ml

Tapped: 0.492 g/ml (EPA FIFRA 63-7)

Solubility(ies) Dispersible in water. (Flumioxazin: Solubility: 1.79 mg/l water @ 25°C (OECD 105))

Solubility in other solvents Not applicable.

Partition coefficient Not determined. (Flumioxazin : log Pow: 2.55 @ 20°C (OECD 107))

Auto-ignition temperature No autoignition is observed up to 420°C (EEC A.16)

Decomposition Temperature Not determined. (Flumioxazin: No decomposition up to 420°C (EEC A.16))

Viscosity Not applicable.

Explosive properties Not explosive. (EEC A.14)

Oxidising properties Not oxidising. (EEC A.17)

9.2. Other information

Relative vapour density (air = Not applicable.

1)

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical 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

products

None known.

10.4. Conditions to avoid

Conditions to avoid Avoid high temperature, light, humidity.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Alkaline materials.

10.6. Hazardous decomposition products

Hazardous decomposition In case

In case of fire: Thermal decomposition may evolve toxic and irritant vapours. 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 Flumioxazin, 500 g/kg water dispersible granule (Code ID : CJ10Ex) (close formulation)

Acute toxicity - oral

Acute toxicity oral $LD_{50} > 5000 \text{ mg/kg}$, Oral, Rat (EPA FIFRA 81-1)

Acute toxicity - dermal

Acute toxicity dermal LD₅₀ > 2000 mg/kg, Dermal, Rat (EPA FIFRA 81-2)

Acute toxicity - inhalation

Acute toxicity inhalation LC₅₀, 4 hours: > 0.969 mg/l, maximum feasible concentration, whole body, Inhalation, Rat

(EPA FIFRA 81-3)

Skin corrosion/irritation

Skin corrosion/irritation Weakly irritating. (EPA FIFRA 81-5)

Serious eye damage/irritation

Serious eye damage/irritation Weakly irritating. (EPA FIFRA 81-4)

Skin sensitisation

Skin sensitisation Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. (EPA FIFRA 81-6)

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General information Based on the available data of these ingredients, the classification criteria are met for the

following classes: Reprotoxicity. (Rat)

Route of exposure This product is for agricultural use; therefore the most probable routes of exposure are via

skin or inhalation.

Toxicological information on ingredients.

N-(7-fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzooxazin-6-yl)cyclohex-1-ene-1,2-dicarboximide

Name Flumioxazin, technical grade

Acute toxicity - oral

Acute toxicity oral $LD_{50} > 5000 \text{ mg/kg}$, Oral, Rat (EPA 540/9-82-025)

Acute toxicity - dermal

Acute toxicity dermal $LD_{50} > 2000 \text{ mg/kg}$, Dermal, Rat (EPA 540/9-82-025)

Acute toxicity - inhalation

Acute toxicity inhalation LC₅₀, 4 hours: > 3.93 mg/l, maximum feasible concentration, whole body, Inhalation,

Rat (EPA 81-3)

Skin corrosion/irritation

Skin corrosion/irritation Not irritating. (EPA guideline)

Serious eye damage/irritation

Serious eye

damage/irritation

Weakly irritating. (EPA guideline)

Skin sensitisation

Skin sensitisation Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. (equivalent to

OECD 406)

Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Genotoxicity - in vivo Negative.

Carcinogenicity

Carcinogenicity (rats, mice): Negative. (EPA FIFRA 83-5)

Reproductive toxicity

Reproductive toxicity -

fertility

Multi-generation study: Negative. (OECD 416)

Reproductive toxicity -

development

Teratogenicity: Negative., Oral, Rabbit

Teratogenicity: Positive effects, Oral, Rat, Dermal , Maternal toxicity: NOAEL > 30

mg/kg, Oral, Maternal toxicity: NOAEL > 300 Dermal, mg/kg

(EPA FIFRA 83-3)

General information Based on the available data of these ingredients, the classification criteria are met

for the following classes: Reprotoxicity. (Rat)

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

Name Flumioxazin, 500 g/kg wettable powder (Code ID : CJ10E)

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: > 100 mg/l, Oncorhynchus mykiss (Rainbow trout)

(OECD 203)

NOECb, 14 days: 0.54 µg/l, Lemna gibba, study with sediment

recovery of frond density within 2-5 days

(FIFRA 122-2, 123-2)

Acute toxicity - algae ECb50, 72 hours: 1.56 µg/l, prolonged study, Selenastrum capricornutum

ECr50, 72 hours: 2.4 µg/l, prolonged study, Selenastrum capricornutum

NOECb, 72 hours: 0.54 μg/l, prolonged study, Selenastrum capricornutum, recovery of

growth within 72 hours

(OECD 201)

NOECr, 72 hours: 0.72 µg/l, prolonged study, Selenastrum capricornutum, recovery of growth

within 72 hours (OECD 201)

ECb50, 72 hours: 3 μg/l, prolonged study, Navicula pelliculosa ECr50, 72 hours: 6.8 μg/l, prolonged study, Navicula pelliculosa

NOECb, 72 hours: 0.48 µg/l, prolonged study, Navicula pelliculosa, recovery of growth within

48 hours

NOECr, 72 hours: 1.3 µg/l, prolonged study, Navicula pelliculosa, recovery of growth within

48 hours (OECD 201)

Acute toxicity - terrestrial LD₅₀, 48 hours, oral: > 400 µg/bee, Apis Mellifera (Honeybee)

LD₅₀, 48 hours, contact: > 458.12 µg/bee, Apis Mellifera (Honeybee)

(OECD 213, 214)

Ecological information on ingredients.

N-(7-fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzooxazin-6-yl)cyclohex-1-ene-1,2-dicarboximide

Name Flumioxazin, technical grade

Acute aquatic toxicity

LE(C)₅₀ $0.0001 < L(E)C50 \le 0.001$

M factor (Acute) 1000

Acute toxicity - aquatic

EC:

invertebrates

EC₅₀, 48 hours: 5.9 mg/l, Daphnia magna

(FIFRA 72-2)

Acute toxicity - fish LC₅₀, 96 hours: 2.3 mg/l, Oncorhynchus mykiss (Rainbow trout)

NOEC, 96 hours: 0.92 mg/l, Oncorhynchus mykiss (Rainbow trout)

(FIFRA 72-1)

LC₅₀, 96 hours: > 21 mg/l, Lepomis macrochirus (Bluegill) NOEC, 96 hours: 3.9 mg/l, Lepomis macrochirus (Bluegill)

(FIFRA 72-1)

Acute toxicity - aquatic

plants

ECb50, 14 days: 0.35 μg/l, Lemna gibba NOECb, 14 days: 0.051 μg/l, Lemna gibba

EC50fd, 14 days: 0.51 μg/l, Lemna gibba NOECfd, 14 days: 0.22 μg/l, Lemna gibba

(FIFRA 122-2, 123-2)

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Acute toxicity - algae EC₅₀, 72 hours: 0.85 μg/l, Selenastrum capricornutum

NOEC, 72 hours: 0.54 µg/l, Selenastrum capricornutum

(OECD 201)

EC₅₀, 120 hours: 1.5 μg/l, Navicula pelliculosa NOEC, 120 hours: < 0.042 μg/l, Navicula pelliculosa

(FIFRA 122-2, 123-2)

Acute toxicity - EC₅₀, 3 hours: > 10000 mg/l, Activated sludge

microorganisms (OECD 209)

Acute toxicity - terrestrial LD₅₀, 48 hours, oral: > 100 µg/bee, Apis Mellifera (Honeybee)

(OECD 213)

LD₅o, 48 hours, contact: > 105 μg/bee, Apis Mellifera (Honeybee)

(FIFRA 141-1)

LD₅₀, single dose oral: > 2250 mg/kg bw, Colinus Virginianus (Bobwhite Quail)

(FIFRA 71-1)

LD₅₀, single dose oral: > 2250 mg/kg bw, Anas Platyrhynchos (Mallard duck)

(FIFRA 71-1)

LC₅o, 14 days: > 982 mg/kg soil, Eisenia Fetida (Earthworm)

(OECD 207)

No significant impact on carbon mineralization or nitrogen transformation at up to

1.2 kg/ha, Soil micro-organisms

(EPPO guideline)

Chronic aquatic toxicity

NOEC 0.00001 < NOEC ≤ 0.0001

Degradability Non-rapidly degradable

M factor (Chronic) 1000

Chronic toxicity - aquatic

invertebrates

NOEC, 23 days: 0.73 mg/kg sediment, Chironomus riparius (Sediment dwelling

midge)

(ASTM E 1383-94)

NOEC, 21 days: 0.057 mg/l, Daphnia magna

(OECD 211)

12.2. Persistence and degradability

Ecological information on ingredients.

N-(7-fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzooxazin-6-yl)cyclohex-1-ene-1,2-dicarboximide

Name Flumioxazin, technical grade

Stability (hydrolysis) pH5 - DT $_{50}$: 3-5 days @ 25°C

pH7 - DT₅₀ : 19-26 hours @ 25°C pH9 - DT₅₀ : 14-23 minutes @ 25°C

(OECD 111)

Biodegradation Water and sediment - DT₅₀: < 1.9 rapid adsorption and degradation on sediments,

day

Not readily biodegradable.

12.3. Bioaccumulative potential

Name Flumioxazin, 500 g/kg wettable powder (Code ID : CJ10E)

Partition coefficient Not determined. (Flumioxazin: log Pow: 2.55 @ 20°C (OECD 107))

Ecological information on ingredients.

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$\underline{\text{N-(7-fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzooxazin-6-yl)} cyclohex-1-ene-1,2-dicarboximide}$

Name Flumioxazin, technical grade

Bioaccumulative potential BCF: Not required.

Partition coefficient log Pow: 2.55 @ 20°C (OECD 107)

12.4. Mobility in soil

Name Flumioxazin, 500 g/kg wettable powder (Code ID : CJ10E)

Surface tension Not determined.

Ecological information on ingredients.

N-(7-fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzooxazin-6-yl)cyclohex-1-ene-1,2-dicarboximide

Name Flumioxazin, technical grade

Mobility Slightly mobile.

Adsorption/desorption

coefficient

Soil - Koc, Adsorption: 739 - 983 ml/g @ 20°C (mean : 889) (OECD 106)

Surface tension 70.9 mN/m @ 20°C (Concentration : 90% of water solubility of substance) (EEC

A.5)

12.5. Results of PBT and vPvB assessment

Ecological information on ingredients.

N-(7-fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzooxazin-6-yl)cyclohex-1-ene-1,2-dicarboximide

Name Flumioxazin, technical grade

Results of PBT and vPvB

assessment

Not required. (no chemical safety report required)

12.6. Other adverse effects

Ecological information on ingredients.

N-(7-fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzooxazin-6-yl)cyclohex-1-ene-1,2-dicarboximide

Name Flumioxazin, 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) 3077

UN No. (IMDG) 3077

UN No. (ICAO) 3077

14.2. UN proper shipping name

Proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (flumioxazin)

(ADR/RID)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (flumioxazin)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (flumioxazin)

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

ICAO packing group

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 and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

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

Method for evaluating information referred to in

Classification based on : tests , properties of the active substance(s) .

Article 9 of regulation (EC) No. 1272/2008 used for the

purpose of classification

Classification abbreviations

and acronyms

Aquatic Acute = Hazardous to the aquatic environment (acute)
Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Repr. = Reproductive toxicity

Abbreviations and acronyms used in the safety data sheet

GIFAP: International Group of National Associations of manufacturers of Agrochemical

Products

CAS: Chemical Abstracts Service.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation

(EC) No 1907/2006. EC: European Community

CLP: Classification, Labelling and Packaging

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

EU: European Union Regl: Regulation w/w: weight per weight ID: identification

GHS: Globally Harmonized System.

i.e. : shortening of the Latin expression id est, which is translated as "that is."

CFR : Code of Federal Regulations EEC : European Economic Community

OECD: Organisation for Economic Co-operation and Development

EPA: Environmental Protection Agency (USA)

US EPA: United States Environmental Protection Agency

EPPO: European and Mediterranean Plant Protection Organization FIFRA: Federal Insecticide, Fungicide and Rodenticide Act of 1972

ASTM: American Society for Testing Material

LD₅o: Lethal Dose to 50% of a test population (Median Lethal Dose).

LC₅o: Lethal Concentration to 50 % of a test population.

EC₅₀: 50% of maximal Effective Concentration. NOEC: No Observed Effect Concentration. NOAEL: No Observed Adverse Effect Level.

 ${\tt ECb50:50\% \ of \ maximal \ Effective \ Concentration \ on \ biomass.}$

NOECb: No Observed Effect Concentration on biomass.

EC50fd: 50% of maximal Effective Concentration on frond density.

NOECfd: No Observed Effect Concentration on frond density.

DT₅₀: 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).

SDS : Safety Sata Sheet WP : Wettable powder

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 02/05/2017

Revision 5.20

Revision number of the

previous version

5.10

Supersedes date 28/04/2015

SDS number 20350

Hazard statements in full H315 Causes skin irritation.

H318 Causes serious eye damage. H319 Causes serious eye irritation. H360D May damage the unborn child.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Reference of the SDS S5348250WPCJ10EEU/520gb

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 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.