

# SAFETY DATA SHEET

## Lenazar Flo 500SC

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

#### 1.1 Product identifier

Name of the substance:	Lenazar Flo 500SC
code:	MAPP 18124
formulation type:	SC (aqueous suspension concentrate)
Concentration:	500 g/l (43.86% w/w)
Active substance:	lenacil
CAS-No:	2164-08-1
EC-No. :	218-499-0

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

identified uses: Herbicide

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



BELCROP N.V.  
Tiensestraat 300  
3400 Landen  
Belgium  
Tel. +32.11.59.83.60  
Fax. +32.11.59.83.61  
E-mail: [info@Belcrop.be](mailto:info@Belcrop.be)

#### 1.4 Emergency telephone number

Please call the local emergency number.  
Belcrop N.V.: +32.11.69.79.80

### Section 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification in accordance with Regulation (EC) No 1272/2008

Carcinogenicity, category 2:	H351: Suspected of causing cancer.
Acute aquatic toxicity, category 1:	H400: Very toxic to aquatic life.
Chronic aquatic toxicity, category 1:	H410: very toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

##### Label in accordance with Regulation (EC) No 1272/2008

Symbols:



Signal word:  
Warning

Hazard statement:  
H351: Suspected of causing cancer.  
H410: Very toxic to aquatic life with long lasting effects.

Special labelling of certain substances and mixtures:  
EUH401: To avoid risks to human health and the environment, comply with the instructions for use.  
Contains: 1,2-Benzisothiazol-3(2H)-one / EUH208: May produce an allergic reaction.

Precautionary statement  
P102: Keep out of reach of children.  
P201: Obtain special instructions before use.  
P270: Do not eat, drink or smoke when using this product.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P308 + P313: IF exposed or concerned: Get medical advice/ attention.  
P363: Wash contaminated clothing before reuse.  
P391: Collect spillage.  
P405: Store locked up.  
P501: 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.

SP1: Do not contaminate water with the product or its container (Do not clean application equipment near surface water/avoid contamination via drains from farmyards and roads.)

## 2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

## Section 3 : Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Name	Registration number	Classification according Regulation 1272/2008 (CLP)	Concentration	M-factor
<b>Lenacil</b>	CAS-No.2164-08-1 EC-No. 218-499-0	Carc. 2; H351 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	43.86 %	10[Acute] 10[Chronic]
<b>Ethane-1,2-diol</b>	CAS-No.107-21-1 EC-No.203-473-3 RRN: 01-2119456816-28	Acute Tox. 4; H302 STOT RE 2; H373	>= 5 - < 10 %	

The above products are REACH compliant; Registration number(s) may not be provided because substance(s) are exempted, not yet registered under REACH or are registered under another regulatory process (biocide uses, plant protection products), etc.

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

#### Section 4: First aid measures

##### 4.1 Description of first aid measures

General advice : Never give anything by mouth to an unconscious person. For specialist advice physicians should contact the National Poisons Information Service, (24-hr), Tel. 111 for England and Wales and Tel. 08454 24 24 24 for Scotland.

Inhalation :

Move to fresh air. Artificial respiration and/or oxygen may be necessary.

Consult a physician after significant exposure.

Skin contact :

Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions see a physician. Wash contaminated clothing before re-use.

Eye contact :

If easy to do, remove contact lens, if worn. Hold eye open and rinse slowly and gently with water for 15-20 minutes. If eye irritation persists, consult a specialist.

Ingestion :

DO NOT induce vomiting unless directed to do so by a physician or poison control center. Obtain medical attention. If victim is conscious: Rinse mouth with water.

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

Symptoms : No cases of human intoxication are known and the symptoms of experimental intoxication are not known.

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

Treatment : Treat symptomatically.

#### Section 5 : Fire fighting measures

##### 5.1 Extinguishing media

Suitable extinguishing media : Water spray, Dry chemical, Carbon dioxide (CO<sub>2</sub>)  
Extinguishing media which shall not be used for safety reasons: high volume water jet, (contamination risk)

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

Specific hazards during firefighting: Hazardous decomposition products formed under fire conditions. Carbon dioxide (CO<sub>2</sub>) nitrogen oxides

##### 5.3 Advice for fire-fighters

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus and protective suit.

Further information :

Prevent fire extinguishing water from contaminating surface water or the ground water system. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

(on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers/ tanks with water spray.

## **Section 6 : Accidental release measures**

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

Personal precautions : Control access to area. Use personal protective equipment. Take precautionary measures against static discharges. Keep people away from and upwind of spill/leak. Refer to protective measures listed in sections 7 and 8.

### **6.2 Environmental precautions**

Environmental precautions : Use appropriate container to avoid environmental contamination. Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained. If the spill area is porous, the contaminated material must be collected for subsequent treatment or disposal. If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Clean-up methods - small spillage Prevent further leakage or spillage. Soak up with inert absorbent material. Shovel into suitable container for disposal. Clean-up methods - large spillage Prevent further leakage or spillage. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Large spills should be collected mechanically (remove by pumping) for disposal. Collect leaking liquid in sealable (metal/plastic) containers. Collect and contain contaminated absorbent and dike material for disposal.  
Other information : Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

### **6.4 Reference to other sections**

For disposal instructions see section 13., For personal protection see section 8.

## **Section 7 : Handling and storage**

### **7.1 Precautions for safe handling**

Advice on safe handling : Use only according to our recommendations. Wear personal protective equipment. For personal protection see section 8. Use only clean equipment. Provide adequate ventilation. Do not breathe vapours or spray mist. When opening containers, avoid breathing vapours that may be emanating.  
Prepare the working solution as given on the label(s) and/or the user instructions. Use prepared working solution as soon as possible - Do not store. To avoid spills during handling keep bottle on a metal tray. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use. Never return unused material to storage receptacle.  
Avoid exceeding of the given occupational exposure limits (see section 8).

Advice on protection against fire and explosion:  
Keep away from heat and sources of ignition.

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

Requirements for storage areas and containers:

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.

Advice on common storage : No special restrictions on storage with other products. Keep away from: Bases

Other data : Stable under recommended storage conditions.

### 7.3 Specific end use(s)

Plant protection products subject to regulation (EC) No. 1107/2009

## Section 8 : Exposure controls/personal protection

### 8.1 Control parameters

If sub-section is empty then no values are applicable.

#### Components with workplace control parameters

Type Forme of exposure	Control parameters	Update	Basis	Remarks
Ethane-1,2-diol (CAS-No. 107-21-1)				
TWA Vapor.	52 mg/m3 20 ppm	2007	UK. EH40 Workplace Exposure Limits (WELs)	
STEL Vapor.	104 mg/m3 40 ppm	2007	UK. EH40 Workplace Exposure Limits (WELs)	
SKIN_DES Vapor.		2007	UK. EH40 Workplace Exposure Limits (WELs)	Can be absorbed through skin.
SKIN_DES Particulate.		2007	UK. EH40 Workplace Exposure Limits (WELs)	Can be absorbed through skin.
TWA Particulate.	10 mg/m3	2007	UK. EH40 Workplace Exposure Limits (WELs)	
SKIN_DES		12 2009	EU. Indicative Exposure Limit Values in	Can be absorbed through skin.
TWA	52 mg/m3 20 ppm	12 2009	Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU	Indicative
STEL	104 mg/m3 40 ppm	12 2009	EU. Indicative Exposure Limit Values in	Indicative

### Derived No Effect Level (DNEL)

Ethane-1,2-diol :

Type of Application (Use): Workers

Exposure routes: Inhalation  
Health Effect: Systemic effects, Long-term exposure  
Value: 35 mg/m<sup>3</sup>

Type of Application (Use): Workers  
Exposure routes: Skin contact  
Health Effect: Systemic effects, Long-term exposure  
Value: 106 mg/kg body weight (bw) /day

### **Predicted No Effect Concentration (PNEC)**

Ethane-1,2-diol :

Value: 10 mg/l

Compartment: Fresh water

Value: 1 mg/l

Compartment: Marine water

Value: 10 mg/l

Compartment: Water

Remarks: Intermittent use/release

Value: 20.9 mg/kg dry weight (d.w.)

Compartment: Fresh water sediment

Value: 1 mg/kg dry weight (d.w.)

Compartment: Marine sediment

Value: 1.53 mg/kg dry weight (d.w.)

Compartment: Soil

Value: 199.5 mg/l

Compartment: Sewage treatment plants

## **8.2 Exposure controls**

### Engineering measures :

Ensure adequate ventilation, especially in confined areas. Use sufficient ventilation to keep employee exposure below recommended limits.

### Eye protection :

Safety glasses with side-shields conforming to EN166

### Hand protection :

Material: Nitrile rubber

Glove thickness: 0.3 mm

Glove length: Standard glove type. Protection index: Class 6

Wearing time: 8 h

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Gloves must be inspected prior to use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Gauntlets of 35 cm long or longer shall be worn over the combination sleeve. Before removing gloves clean them with soap and water.

### Skin and body protection :

Manufacturing and processing work: Full protective clothing Type 6 (EN 13034) Mixer and loaders must wear: Full protective clothing Type 6 (EN 13034) Nitrile rubber boots (EN 13832-3 / EN ISO 20345).

Spray application - outdoor: Tractor / sprayer with hood: No personal body protection normally required.

Tractor / sprayer without hood: Full protective clothing Type 4 (EN 14605) Nitrile rubber boots (EN 13832-3 / EN ISO 20345).

When exceptional circumstances require an access to the treated area before the end of re-entry periods, wear full protective clothing Type 6 (EN 13034), nitrile rubber gloves class 3 (EN 374) and nitrile rubber boots (EN 13832-3 / EN ISO 20345).

To optimize the ergonomics it may be recommended to use cotton underwear when wearing some fabrics. Take advice from supplier.

The permeation resistance of the fabric must be verified independently of the «type » protection recommended, to ensure an appropriate performance level of the material adequate to the corresponding agent and type of exposure.

Garment materials that are resistant to both water vapour and air will maximize wearing comfort. Materials should be robust to maintain the integrity and barrier in use.

#### Protective measures :

All chemical protective clothing should be visually inspected prior to use. Clothing and gloves should be replaced in case of chemical or physical damage or if contaminated.

#### Hygiene measures :

Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke.

Keep away from food, drink and animal feedingstuffs. For environmental protection remove and wash all contaminated protective equipment before reuse.

Dispose of rinse water in accordance with local and national regulations.

#### Respiratory protection :

Manufacturing and processing work: Half mask with a particle filter FFP1 (EN149)

Mixer and loaders must wear: Half mask with a particle filter FFP1 (EN149)

Spray application - outdoor:

Tractor / sprayer with hood: No personal respiratory protective equipment normally required.

Tractor / sprayer without hood: Half mask with a particle filter FFP1 (EN149)

Backpack / knapsack sprayer: Half mask with a particle filter P1 (EN 143).

## **Section 9 : Physical and chemical properties**

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

Form :	liquid
Colour :	white
Odour :	odourless
Odour Threshold :	not determined
pH :	6.0 at 10 g/l ( 25 °C)
Melting point/range :	Not applicable
Boiling point/boiling range :	98 °C
Flash point :	> 98 °C
Thermal decomposition :	Not available for this mixture.
Auto-ignition temperature :	530 °C
Oxidizing properties :	The product is not oxidizing.
Explosive properties :	Not explosive
Lower explosion limit/ Lower flammability limit:	Not available for this mixture.
Upper explosion limit/ upper flammability limit:	Not available for this mixture.
Vapour pressure :	Not available for this mixture.
Relative density :	1.13 at 20 °C
Water solubility :	emulsifiable
Partition coefficient: octanol/ water:	Not applicable

Viscosity, dynamic :	Not applicable
Relative vapour density :	Not available for this mixture.
Evaporation rate :	Not available for this mixture.

## 9.2 Other information

Phys.-chem./other information : No other data to be specially mentioned.

## Section 10 : Stability and reactivity

### 10.1 Reactivity

No hazards to be specially mentioned.

### 10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use. No decomposition if stored and applied as directed.

### 10.4 Conditions to avoid

Protect from frost. To avoid thermal decomposition, do not overheat.

### 10.5 Incompatible materials

Incompatible with bases.

### 10.6 Hazardous decomposition products

No materials to be especially mentioned.

## Section 11 : Toxicological information

### 11.1 Information on toxicological effects

#### Acute oral toxicity

Acute toxicity estimate : > 2,000 mg/kg

Method: Calculation method

(Data on the product itself) Information source: Internal study report

#### Acute inhalation toxicity

##### • Ethane-1,2-diol

Acute toxicity estimate / 4 h Not tested on animals : > 5 mg/l

Information source: Data provided by an external source.

#### Acute dermal toxicity

LD50 / Rat : > 2,000 mg/kg

Method: OECD Test Guideline 402

(Data on the product itself) Information source: Internal study report

#### Skin irritation

Rabbit

Result: No skin irritation

Method: OECD Test Guideline 404

(Data on the product itself) Information source: Internal study report

#### Eye irritation

Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

(Data on the product itself) Information source: Internal study report

#### Sensitisation

Guinea pig Maximisation Test

Result: Animal test did not cause sensitization by skin contact.

Method: OECD Test Guideline 406

(Data on the product itself) Information source: Internal study report

#### Repeated dose toxicity

- Lenacil

Ingestion Not tested on animals

Exposure time: 90 d

NOAEL: > 100 mg/kg

No toxicologically significant effects were found., Information source: Data provided by an external source.

- Ethane-1,2-diol

Oral Rat

Kidney damage, Information source: Data provided by an external source.

#### Mutagenicity assessment

- Lenacil

Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not

show mutagenic effects.

- Ethane-1,2-diol

Animal testing did not show any mutagenic effects. Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

#### Carcinogenicity assessment

- Lenacil

Suspected human carcinogens

- Ethane-1,2-diol

Not classifiable as a human carcinogen. Animal testing did not show any carcinogenic effects.

#### Toxicity to reproduction assessment

- Ethane-1,2-diol

No toxicity to reproduction No effects on or via lactation Animal testing showed no reproductive toxicity.

#### Assessment teratogenicity

- Lenacil

Animal testing showed no developmental toxicity.

- Ethane-1,2-diol

Evidence suggests the substance is not a developmental toxin in animals.

#### STOT - single exposure

The substance or mixture is not classified as specific target organ toxicant, single exposure.

#### STOT - repeated exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

#### Aspiration hazard

The mixture does not have properties associated with aspiration hazard potential.

## Section 12 : Ecological information

### 12.1 Toxicity

#### Toxicity to fish

- Lenacil

static test / LC50 / 96 h / Oncorhynchus mykiss (rainbow trout): > 2.0 mg/l

Method: OECD Test Guideline 203

Information source: Internal study report

- Ethane-1,2-diol

LC50 / 96 h / Pimephales promelas (fathead minnow): 72,860 mg/l

Information source: Data provided by an external source.

#### Toxicity to aquatic plants

static test / ErC50 / 72 h / Pseudokirchneriella subcapitata (green algae): 0.00918 mg/l

Method: OECD Test Guideline 201

(Data on the product itself) Information source: Internal study report

semi-static test / ErC50 / 7 d / Lemna gibba (duckweed): 0.0200 mg/l

Method: OECD Test Guideline 221

(Data on the product itself) Information source: Internal study report

#### Toxicity to aquatic invertebrates

- Lenacil

EC50 / 48 h / Daphnia magna (Water flea): > 4.4 mg/l

Method: OECD Test Guideline 202

Information source: Internal study report

- Ethane-1,2-diol

EC50 / 48 h / Daphnia magna (Water flea): > 100 mg/l

Method: OECD Test Guideline 202

Information source: Data provided by an external source.

#### Toxicity to other organisms

LD50 / 48 h / Apis mellifera (bees): > 110 µg/b

Method: OECD Test Guideline 213

(Data on the product itself) Information source: Internal study report Oral

LD50 / 48 h / Apis mellifera (bees): > 100 µg/b

Method: OECD Test Guideline 214

(Data on the product itself) Information source: Internal study report Contact

#### Chronic toxicity to fish

- Lenacil

Early Life-Stage / NOEC / 90 d / Oncorhynchus mykiss (rainbow trout): 0.16 mg/l

Method: OECD Test Guideline 210

Information source: Internal study report

flow-through test / NOEC / 28 d / Oncorhynchus mykiss (rainbow trout): 2.3 mg/l

Method: OECD Test Guideline 204

Information source: Internal study report

#### Chronic toxicity to aquatic Invertebrates

- Lenacil

NOEC / 21 d / Daphnia magna (Water flea): 0.48 mg/l

Method: OECD Test Guideline 202

Information source: Internal study report

### 12.2 Persistence and degradability

#### Biodegradability

Not readily biodegradable. Estimation based on data obtained on active ingredient.

### 12.3 Bioaccumulative potential

Bioaccumulation:

Does not bioaccumulate. Estimation based on data obtained on active ingredient.

### 12.4 Mobility in soil

Mobility in soil

The product is not expected to be mobile in soils.

### 12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). / This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

### 12.6 Other adverse effects

#### Additional ecological information

See product label for additional application instructions relating to environmental precautions.  
No other ecological effects to be specially mentioned.

## Section 13 : Disposal considerations

### 13.1 Waste treatment methods

Product : In accordance with local and national regulations. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Do not re-use empty containers. Dispose of as unused product.

## Section 14: Transport information

### ADR

- 14.1. UN number: 3082  
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Lenacil)  
14.3. Transport hazard class(es): 9  
14.4. Packing group: III  
14.5. Environmental hazards: For further information see Section 12.

### 14.6. Special precautions for user:

Tunnel restriction code: (-)

### IATA\_C

- 14.1. UN number: 3082  
14.2. UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Lenacil)  
14.3. Transport hazard class(es): 9  
14.4. Packing group: III  
14.5. Environmental hazards : For further information see Section 12.

### 14.6. Special precautions for user: ICAO / IATA cargo aircraft only

### IMDG

- 14.1. UN number: 3082  
14.2. UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Lenacil)  
14.3. Transport hazard class(es): 9  
14.4. Packing group: III  
14.5. Environmental hazards : Marine Pollutant

#### 14.6. Special precautions for user:

No special precautions required.

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

not applicable

### Section 15 : Regulatory information

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

Other regulations : The product is classified as dangerous in accordance with Regulation (EC) No. 1272/2008. Take note of Dir 94/33/EC on the protection of young people at work. Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Take note of Directive 96/82/EC on the control of major-accident hazards involving dangerous substances. Take note of Dir 92/85/EEC on the safety and health at work of pregnant workers. Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values. This product is in full compliance according to REACH regulation 1907/2006/EC.

#### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this/these products.  
The mixture is registered as a plant protection product under Regulation (EC) No. 1107/2009.  
Refer to the label for exposure assessment information.

### Section 16 : Other information

#### Full text of H-Statements referred to under section 3.

H302	Harmful if swallowed.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

#### List of abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute toxicity estimate
CAS-No.	Chemical Abstracts Service number
CLP	Classification, Labelling and Packaging
EbC50	Concentration at which 50% reduction of biomass is observed
EC50	Median effective concentration
EN	European Norm
EPA	Environmental Protection Agency
ErC50	Concentration at which a 50% inhibition of growth rate is observed
EyC50	Concentration at which 50 % inhibition of yield is observed
IATA_C	International Air Transport Association (Cargo)
IBC	International Bulk Chemical Code
ICAO	International Civil Aviation Organization
ISO	International Standard Organization
IMDG	International Maritime Dangerous Goods
LC50	Median Lethal Concentration
LD50	Median Lethal Dose
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest observed effect level
MARPOL	International Convention for the Prevention of Marine Pollution from Ships
n.o.s.	Not Otherwise Specified
NOAEC	No Observed Adverse Effect Concentration

NOAEL	No observed adverse effect level
NOEC	No Observed Effect Concentration
NOEL	No Observed Effect Level
OECD	Organisation for Economic Co-operation and Development
OPPTS	Office of Prevention, Pesticides and Toxic Substances
PBT	Persistent, Bioaccumulative and Toxic
RRN:	REACH registration number
STEL	Short term exposure limit
TWA	Time Weighted Average (TWA)
vPvB	very Persistent and very Bioaccumulative

#### Further information

Before use read the safety information., Take notice of the directions of use on the label.

#### Changes to the previous version of safety data sheet.

First version

**The information presented in this SDS is based on the current knowledge of the product and is derived from the existing literature. It is given in good faith and it only illustrates the aspect of security. This SDS is in addition with our information relating to the use of the formulation but in no case replaces it.**

**The users must be aware of the necessary precautions to take at the time of use or handling of this product. Consequently, the company can in, no case, be held responsible for damage which results, directly or indirectly, from the use of these data**

*This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008, Regulation (EU) No 453/2010 and Regulation (EU) No 2015/830.*