

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

Ref. 130000001366/

Rev. no. 1.14

StoLotusan K

Revision Date 22.01.2026

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name StoLotusan K

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

Render

Uses advised against This information is not available.

1.3 Details of the supplier of the safety data sheet

Sto SE & Co. KGaA
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Telephone: +49 7744 57-0
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TIQA Quality Management Department
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1.4 Emergency telephone number European Union

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SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Long-term (chronic) aquatic hazard, Category 3 H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard statements : H412 Harmful to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**
P273 Avoid release to the environment.**Disposal:**
P501 Contents/container to be disposed of through approved disposal contractor or taken to municipal collection point.

Additional Labelling

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, 2-octyl-2H-isothiazol-3-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1). May produce an allergic reaction.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

These are preservatives.
Avoid contact with the skin and the eyes.

Regulation concerning biocidal products (528/2012):

Contains 2-octyl-2H-isothiazol-3-one
, Terbutryn, pyriithione zinc. As active agents for coating protection in
accordance with Biocidal Product Regulation (528/2012), Article
58(3)

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
triethoxyoctylsilane	2943-75-1 220-941-2 01-2119972313-39-XXXX	Skin Irrit. 2; H315	≥ 1 - < 2,5
pyriithione zinc	13463-41-7 236-671-3	Repr. 1B; H360D Acute Tox. 2; H330 Acute Tox. 3; H301 STOT RE 1; H372 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 1.000 M-Factor (Chronic aquatic toxicity): 10 Acute toxicity estimate	≥ 0,0025 - < 0,01

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

		Acute oral toxicity: 221 mg/kg Acute inhalation toxicity: 0,14 mg/l	
Terbutryn	886-50-0 212-950-5	Acute Tox. 4; H302 Skin Sens. 1B; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 PMTEUH450 M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100	≥ 0,0025 - < 0,01
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6 01-2120761540-60-XXXX	Acute Tox. 4; H302 Acute Tox. 2; H330 Eye Dam. 1; H318 Skin Irrit. 2; H315 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1 specific concentration limit Skin Sens. 1A ≥ 0,036 % Acute toxicity estimate Acute oral toxicity: 450 mg/kg Acute inhalation toxicity: 0,21 mg/l	≥ 0,0025 - < 0,01
2-octyl-2H-isothiazol-3-one	26530-20-1 247-761-7 613-112-00-5	Acute Tox. 2; H330 Acute Tox. 3; H311 Acute Tox. 3; H301 Skin Corr. 1; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100 specific concentration	≥ 0,0015 - < 0,005

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

		limit Skin Sens. 1A $\geq 0,0015 \%$	
		Acute toxicity estimate Acute oral toxicity: 125 mg/kg Acute inhalation toxicity: 0,27 mg/l Acute dermal toxicity: 311 mg/kg	
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1)	55965-84-9 613-167-00-5 01-2120764691-48-XXXX	Acute Tox. 2; H330 Acute Tox. 2; H310 Acute Tox. 3; H301 Skin Corr. 1C; H314 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Eye Dam. 1; H318 EUH071 M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100 specific concentration limit Skin Corr. 1C $\geq 0,6 \%$ Skin Irrit. 2 $0,06 - < 0,6 \%$ Eye Irrit. 2 $0,06 - < 0,6 \%$ Skin Sens. 1A $\geq 0,0015 \%$ Eye Dam. 1 $\geq 0,6 \%$	< 0,0002

For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

General advice

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

Inhalation	Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice. Remove to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
Skin contact	Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If skin irritation persists, call a physician.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Obtain medical attention. Keep at rest.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment Treat symptomatically.
No information available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Alcohol-resistant foam Carbon dioxide (CO ₂) Dry chemical Water spray
Unsuitable extinguishing media	High volume water jet

5.2 Special hazards arising from the substance or mixture

In set state, the product itself is classified as non-combustible in accordance with EN 13501-1.

5.3 Advice for firefighters

Additional advice

Fire may cause evolution of:
Carbon monoxide
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)
Wear self-contained breathing apparatus for firefighting if necessary.
Use water spray to cool unopened containers.
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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
Do not breathe vapour.

6.2 Environmental

The product should not be allowed to enter drains, water courses or the

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

precautions

6.3 Methods and material for containment and clean up

6.4 Reference to other sections

soil.

If the product contaminates rivers and lakes or drains inform respective authorities.

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Clean with detergents. Avoid solvents.

Clean contaminated surface thoroughly.

Dispose of contaminated material as waste according to item 13.

Refer to protective measures listed in sections 7 and 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes.

Prevent unauthorized access.

Provide sufficient air exchange and/or exhaust in work rooms.

Comply with the statutory regulations on health and safety at work.

Hygiene measures

Wash hands before breaks and at the end of workday.

When using do not eat, drink or smoke.

Remove and wash contaminated clothing and gloves, including the inside, before re-use.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Store in original container.

Observe label precautions.

Protect from frost, heat and sunlight.

Advice on common storage

Keep away from oxidizing agents and strongly acid or alkaline materials.

7.3 Specific end use(s)

For further information, see also Technical Data Sheet for the product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

The lists that were valid during the creation were used as basis.

Monitoring procedures for the assessment of workplace exposure: standard EN 482

8.2 Exposure controls

Engineering measures

Provide adequate ventilation.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

Personal protective equipment

Eye/face protection : Wear protective goggles for protection against splashed liquid.

Safety glasses with side-shields conforming to EN166

Hand protection

Material : Nitrile rubber

Break through time : 480 min

Glove thickness : 0,11 mm

Remarks : Recommended preventive skin protection Before starting work, apply water-resistant skincare preparations to exposed skin areas. Protective gloves should be worn in case of skin contact during preparation and application.

Gloves made of nitrile rubber, e.g. KCL 740 Dermatril® (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. Cotton undergloves are recommendable when wearing protective gloves! Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Skin and body protection : Work clothes

Skin should be washed after contact.

Do NOT use solvents or thinners.

Respiratory protection : No personal respiratory protective equipment normally required.

In case of insufficient ventilation, wear suitable respiratory equipment.

Employees involved in spraying work or in the immediate vicinity of such work should use a P2 particle filter against spray fog.

Respiratory protection complying with EN 143.

Environmental exposure controls

Air : Avoid release to the environment.

Soil : Avoid subsoil penetration.

Water : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

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respective authorities.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	:	pasty
Colour	:	white
Odour	:	Weak, characteristic
Odour Threshold	:	No data available
Melting point/freezing point	:	Not applicable
Boiling point/boiling range	:	not applicable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	> 100 °C
Decomposition temperature	:	No data available
pH	:	ca. 10,5 - 11,5 (20 °C)
Viscosity	:	

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

Viscosity, dynamic	:	ca. 14.000 - 17.000 mPa.s (20 °C)
Flow time	:	No data available
Solubility(ies) Water solubility	:	completely miscible
Partition coefficient: n- octanol/water	:	not determined
Vapour pressure	:	No data available
Density	:	ca. 1,70 - 1,90 g/cm ³ (20 °C)
Relative vapour density	:	No data available

9.2 Other information

Explosives	:	Not explosive
Oxidizing properties	:	Not applicable
Flammability (liquids)	:	Not applicable
Self-ignition	:	not auto-flammable
Evaporation rate	:	not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions This information is not available.

10.4 Conditions to avoid

Conditions to avoid Stable under recommended storage and handling conditions (see section 7).

10.5 Incompatible materials

Materials to avoid Strong acids and strong bases
Strong oxidizing agents

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product:

Acute oral toxicity Based on available data, the classification criteria are not met.

Acute inhalation toxicity Based on available data, the classification criteria are not met.

Acute dermal toxicity Based on available data, the classification criteria are not met.

Components:

pyrithione zinc:

Acute oral toxicity Acute toxicity estimate: 221 mg/kg
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

Acute inhalation toxicity Acute toxicity estimate: 0,14 mg/l
Test atmosphere: dust/mist
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

Terbutryn:

Acute oral toxicity Harmful if swallowed.

1,2-benzisothiazol-3(2H)-one:

Acute oral toxicity Acute toxicity estimate: 450 mg/kg
Method: Expert judgement

Acute inhalation toxicity Acute toxicity estimate: 0,21 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Expert judgement

2-octyl-2H-isothiazol-3-one:

Acute oral toxicity Acute toxicity estimate: 125 mg/kg
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

Acute inhalation toxicity	Acute toxicity estimate: 0,27 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008
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Acute dermal toxicity	Acute toxicity estimate: 311 mg/kg Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008
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reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1):

Acute oral toxicity	Toxic if swallowed.
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Acute inhalation toxicity	Assessment: Corrosive to the respiratory tract. Fatal if inhaled.
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Acute dermal toxicity	Fatal in contact with skin.
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Skin corrosion/irritation

Product:

Based on available data, the classification criteria are not met.

Components:

triethoxyoctylsilane:

Causes skin irritation.

1,2-benzisothiazol-3(2H)-one:

Causes skin irritation.

2-octyl-2H-isothiazol-3-one:

Causes severe skin burns and eye damage.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1):

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Product:

Based on available data, the classification criteria are not met.

Components:

pyrithione zinc:

Causes serious eye damage.

1,2-benzisothiazol-3(2H)-one:

Causes serious eye damage.

2-octyl-2H-isothiazol-3-one:

Causes serious eye damage.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1):

Causes serious eye damage.

Respiratory or skin sensitisation

Product:

Exposure routes

Inhalation

Based on available data, the classification criteria are not met.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

Exposure routes

Skin contact

Based on available data, the classification criteria are not met.
The toxicological data has been taken from products of similar composition.

Components:

Terbutryn:

Species

Mouse

Method

OECD Test Guideline 429

May cause an allergic skin reaction.

1,2-benzisothiazol-3(2H)-one:

May cause an allergic skin reaction.

2-octyl-2H-isothiazol-3-one:

May cause an allergic skin reaction.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1):

May cause an allergic skin reaction.

Germ cell mutagenicity

Product:

Genotoxicity in vitro

Based on available data, the classification criteria are not met.

Carcinogenicity

Product:

Based on available data, the classification criteria are not met.

Reproductive toxicity

Product:

Effects on fertility

Based on available data, the classification criteria are not met.

Developmental Toxicity

Based on available data, the classification criteria are not met.

Components:

pyrithione zinc:

Developmental Toxicity

May damage the unborn child.

STOT - single exposure

Product:

Based on available data, the classification criteria are not met.

STOT - repeated exposure

Product:

Based on available data, the classification criteria are not met.

Components:

pyrithione zinc:

Assessment

Causes damage to organs through prolonged or repeated exposure.

Aspiration toxicity

Product:

Based on available data, the classification criteria are not met.

Further information

Product:

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information

Product:

Remarks : The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Product:

Toxicity to fish No data available

Components:

pyrithione zinc:

Toxicity to fish LC50 (Danio rerio (zebra fish)): 0,0104 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates EC50 (Daphnia (water flea)): 0,051 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants EC50 (Skeletonema costatum (marine diatom)): 0,0013 mg/l
Exposure time: 72 h

NOEC (Skeletonema costatum (marine diatom)): 0,00046 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 201

M-Factor (Acute aquatic toxicity) 1.000

Toxicity to fish (Chronic toxicity) NOEC: 0,00125 mg/l
Exposure time: 28 d
Species: Danio rerio (zebra fish)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) NOEC: 0,0022 mg/l
Exposure time: 21 d
Species: Daphnia (water flea)
Method: OECD Test Guideline 211

M-Factor (Chronic aquatic toxicity) 10

Terbutryn:

M-Factor (Acute aquatic toxicity) 100

Toxicity to microorganisms EC20 (activated sludge): > 100 mg/l
Exposure time: 3 h

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

	Method: OECD Test Guideline 209
M-Factor (Chronic aquatic toxicity)	100
1,2-benzisothiazol-3(2H)-one: Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)): 2,2 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia (water flea)): 3,27 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	EC50 (Selenastrum capricornutum (green algae)): 0,11 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
	NOEC (Selenastrum capricornutum (green algae)): 0,04 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	1
Toxicity to fish (Chronic toxicity)	NOEC: 0,21 mg/l Exposure time: 28 d Species: Oncorhynchus mykiss (rainbow trout) Method: OECD Test Guideline 215
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 1,2 mg/l Exposure time: 21 d Species: Daphnia (water flea) Method: OECD Test Guideline 211
M-Factor (Chronic aquatic toxicity)	1
2-octyl-2H-isothiazol-3-one: Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)): 0,05 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 0,42 mg/l Exposure time: 48 h
M-Factor (Acute aquatic toxicity)	100
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 0,058 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea)
M-Factor (Chronic aquatic toxicity)	100
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1): Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)): 0,19 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia (water flea)): 0,12 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	EC50 (Skeletonema costatum (marine diatom)): 0,0052 mg/l Exposure time: 48 h

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

	NOEC (Skeletonema costatum (marine diatom)): 0,00049 mg/l Exposure time: 48 h
M-Factor (Acute aquatic toxicity)	100
Toxicity to fish (Chronic toxicity)	NOEC: 0,098 mg/l Exposure time: 28 d Species: Oncorhynchus mykiss (rainbow trout) Method: OECD Test Guideline 210
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 0,004 mg/l Exposure time: 21 d Species: Daphnia (water flea)
M-Factor (Chronic aquatic toxicity)	100
12.2 Persistence and degradability	
<u>Product:</u> Biodegradability	No data available
<u>Components:</u> pyrithione zinc: Biodegradability	Inoculum: activated sludge rapidly degradable Biodegradation: > 85 % Method: OECD Test Guideline 303A
Terbutryn: Biodegradability	Inoculum: activated sludge not rapidly degradable Biodegradation: 0 % Method: OECD Test Guideline 301F
1,2-benzisothiazol-3(2H)-one: Biodegradability	not rapidly degradable
2-octyl-2H-isothiazol-3-one: Biodegradability	Not readily biodegradable.
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1): Biodegradability	not rapidly degradable
12.3 Bioaccumulative potential	
<u>Product:</u> Bioaccumulation	No data available
<u>Components:</u> pyrithione zinc: Partition coefficient: n-octanol/water	log Pow: 1,21 Method: OECD Test Guideline 107
Terbutryn: Bioaccumulation	Bioconcentration factor (BCF): 103 Method: Calculation method
1,2-benzisothiazol-3(2H)-one: Partition coefficient: n-octanol/water	log Pow: 0,7 Method: OECD Test Guideline 117

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

12.4 Mobility in soil

Product:

Mobility No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information Do not allow product to enter into ground water, bodies of water or sewage systems.
Harmful to aquatic life with long lasting effects.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste"
Allow plaster residues to dry, or thicken with cementitious binders.

Contaminated packaging Unhardened product residues should be disposed of under the recommended waste code number.
Packaging that is not properly emptied must be disposed of as the unused product.

Waste key for the unused product Empty packaging should be recycled through disposal systems.
08 01 11* waste paint and varnish containing organic solvents or other hazardous substances
(*) hazardous waste in terms of the European directive 2008/98/EG

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

14.6 Special precautions for user

Remarks This information is not available.

14.7 Maritime transport in bulk according to IMO instruments

Remarks Not applicable

SECTION 15: REGULATORY INFORMATION

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

VOC
Directive 2010/75/EU 0,5 %

VOC
Directive 2004/42/EC

does not fall under Directive 2004/42/EC

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)

Conditions of restriction for the following entries should be considered:
(78, 75, 3)

pyrithione zinc (30)
1,2-benzisothiazol-3(2H)-one
2-octyl-2H-isothiazol-3-one

Other regulations Comply with the statutory regulations on health and safety at work.

15.2 Chemical safety assessment

This information is not available.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended

StoLotusan K

SECTION 16: OTHER INFORMATION

Changes from the previous version are indicated by markings in the left-hand margin. The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.

Full text of H-Statements

EUH450	: Can cause long-lasting and diffuse contamination of water resources
H301	: Toxic if swallowed.
H302	: Harmful if swallowed.
H310	: Fatal in contact with skin.
H311	: Toxic in contact with skin.
H314	: Causes severe skin burns and eye damage.
H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H330	: Fatal if inhaled.
H360D	: May damage the unborn child.
H372	: Causes damage to organs through prolonged or repeated exposure.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Eye Dam.	: Serious eye damage
PMT	: Persistent, mobile and toxic
Repr.	: Reproductive toxicity
Skin Corr.	: Skin corrosion
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation
STOT RE	: Specific target organ toxicity - repeated exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office

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of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information

It is possible in the interim period that you may find different markings on packaging compared to the Material Safety Data Sheet until stocks have been used up. We ask for your understanding in this matter.

Department issuing MSDS

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