

* **Secasit Lotus**

Date revised: 24.03.2014

8240010212

Version: 8 / GB

: MA-220

Date of printing: 17.07.14

1. Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Trade name**

Secasit Lotus

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

Fibre protection

1.3. Details of the supplier of the safety data sheet

BÜFA Reinigungssysteme

GmbH & Co. KG

August-Hanken-Str. 30

26125 Oldenburg

Telephone no. +49 441 9317 0

Fax no. +49 441 9317 100

Information provided Department product safety / +49 441 9317 108

by / telephone

E-mail address: produktsicherheit-rs@buefa.de

1.4. Emergency telephone number

Giftzentrale Göttingen: +49 551 19 240

2. Hazards identification**2.1. Classification of the substance or mixture**

Classification in accordance with EC directives 1999/45/EC and 67/548/EEC

Carc.Cat.3, R40

N, R51/53

Xn, R65

2.2. Label elements

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

Hazard symbols

Harmful



Dangerous for the environment

R phrases

40

Limited evidence of a carcinogenic effect.

65

Harmful: may cause lung damage if swallowed.

51/53

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

36/37

Wear suitable protective clothing and gloves.

57

Use appropriate container to avoid environmental contamination.

Hazardous component(s) to be indicated on label

contains

Tetrachloroethylene

2.3. Other hazards

The product does not contain PBT/vPvB-substances

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3. Composition/information on ingredients**3.2. Mixtures****Hazardous ingredients****Tetrachloroethylene**

CAS No.	127-18-4	EINECS no.	204-825-9
Registration no.	01-2119475329-28-XXXX		
Concentration	>=	50	%
Carc.Cat.3, R40			
N, R51/53			

Carc. 2	H351
Aquatic	H411
chronic 2	
Carc. 2	H351
Aquatic	H411
chronic 2	

Alkanes, C11-15-iso-

CAS No.	90622-58-5	EINECS no.	292-460-6
Concentration	>=	10	<
Xn, R65		25	%

4. First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

Wash off immediately with soap and water.

After eye contact

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Seek medical advice immediately.

After ingestion

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

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

The following symptoms may occur: Dizziness, Headache

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

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

If swallowed, in the event of vomiting, risk of product entering the lungs.

5. Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Dry powder, Water spray jet

Non Suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

If a fire breaks out nearby, pressure build-up and danger of bursting are possible. In the event of fire the following can be released: Chlorine (Cl₂); Phosgene

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5.3. Advice for firefighters

Use self-contained breathing apparatus.
Cool endangered containers with water spray jet.

6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

High risk of slipping due to leakage/spillage of product. Use personal protective clothing. Keep away sources of ignition.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). Dispose of absorbed material in accordance with the regulations.

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8.

7. Handling and storage**7.1. Precautions for safe handling**

Provide good ventilation of working area (local exhaust ventilation if necessary). Transfer and handle only in enclosed systems.

Keep away from sources of ignition - No smoking. Vapours can form an explosive mixture with air.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original packaging, tightly closed.

Protect from heat and direct sunlight. Keep container in a well-ventilated place.

7.3. Specific end use(s)

No information available

8. Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****Tetrachloroethylene**

List	EH40			
Type	WEL			
Value	345	mg/m ³	50	ppm(V)
Short term exposure limit	689	mg/m ³	100	ppm(V)
Maximum limit value; Skin resorption / sensibilisation: Pregnancy group: Status: 2011				

(2-Methoxymethylethoxy)-propanol (mixed isomers)

List	EH40			
Type	WEL			
Value	308	mg/m ³	50	ppm(V)
Maximum limit value; Skin resorption / sensibilisation: Sk; Pregnancy group; Status: 2011				

8.2. Exposure controls**General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.
Short term: filter apparatus, Filter A

Hand protection

Chemical resistant gloves

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Appropriate Material nitrile
Breakthrough time 480 min

Eye protection

Tightly fitting safety glasses

Body protection

Impermeable protective clothing

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties****Form** liquid, transparent to opaque**Colour** colourless**Odour** of perchloroethylene**pH value**

Remarks Not applicable

Flash point

Value > 100 °C

Density

Value appr. 1,3 kg/l

Solubility in water

Remarks virtually insoluble

10. Stability and reactivity**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

11. Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

No toxicological data are available.

Acute dermal toxicity

No toxicological data are available.

Acute inhalational toxicity

No toxicological data are available.

Skin corrosion/irritation

Repeated and prolonged skin contact may lead to defatting and irritation of the skin.

Serious eye damage/irritation

Eye contact with the product may lead to irritation.

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Sensitization

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

Mutagenicity

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

CarcinogenicityReference substance
evaluation

Tetrachloroethylene

Indications of possible carcinogenic effects in animal studies are available.

Reproductive toxicity

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

Specific Target Organ Toxicity (STOT)

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

Aspiration hazard

Harmful: may cause lung damage if swallowed.

12. Ecological information**12.1. Toxicity****Fish toxicity**

No toxicological data are available.

Daphnia toxicity

No toxicological data are available.

Algae toxicity

No toxicological data are available.

Bacteria toxicity

No toxicological data are available.

12.2. Persistence and degradability

For this subsection there is no ecotoxicological data available on the product as such. Do not discharge product unmonitored into the environment.

12.3. Bioaccumulative potential

For this subsection there is no ecotoxicological data available on the product as such.

12.4. Mobility in soil

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment

The product does not contain PBT/vPvB-substances

12.6. Other adverse effects

For this subsection there is no ecotoxicological data available on the product as such.

13. Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

14. Transport information**Land transport ADR/RID**

UN number

1897

Technical name

TETRACHLOROETHYLENE

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Class	6.1
Packing group	III
Environmental labelling	ENVIRONMENTALLY HAZARDOUS
Tunnel restriction code	E

Marine transport IMDG/GGVSee

UN number	1897
Technical name	TETRACHLOROETHYLENE
Class	6.1
Packing group	III
Marine Pollutant	Marine Pollutant
Environmental labelling	ENVIRONMENTALLY HAZARDOUS
EmS	F-A, S-A

15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Ingredients (Regulation (EC) No 648/2004)**VOC**

VOC (EU)	96,75	%
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Other information

The product does not contain substances of very high concern (SVHC).

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

16. Other information**R-phrases listed in Chapter 3**

40	Limited evidence of a carcinogenic effect.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.

Hazard statements listed in Chapter 3

H351	Suspected of causing cancer.
H411	Toxic to aquatic life with long lasting effects.

Abbreviations

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very persistent and very bioaccumulative

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.