

\* **Terasit Lotus**

Date revised: 23.11.12

# 8240020221

Version: 6 / GB

: MA-921

Date of printing: 20.02.13

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

Terasit 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 &amp; 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**

Supplemental information

Does not require a hazard warning label, but the normal safety precautions for handling of chemicals must be observed.

**2.3. Other hazards**

The product does not contain PBT/vPvB-substances

**3. Composition/information on ingredients****4. First aid measures****4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air.

**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 aid immediately.

**After ingestion**

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

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

There is no further relevant information available

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

There is no further relevant information available

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

Carbon dioxide, Dry powder, Water spray 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.

**5.3. Advice for firefighters**

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.

**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). When picked up, treat material as prescribed under heading "Disposal".

**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**

Observe the usual precautions for handling chemicals.

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

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

Storage class (TRGS 510) 12 Non-combustible liquids  
Keep container tightly closed.**7.3. Specific end use(s)**

No information available

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

List

There is not known any national exposure limit.

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

Before beginning work use a water resistant skin protection lotion.

**Respiratory protection**

Not necessary.

**Hand protection**

Not necessary.

**Eye protection**

Not necessary.

**Body protection**

Clothing as usual in the chemical industry.

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**9. Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Form</b>	liquid		
<b>Colour</b>	milky white		
<b>Odour</b>	solvent-like		
<b>pH</b>			
Value	4		
Concentration/H <sub>2</sub> O	1	%	
<b>Flash point</b>			
Value	> 100		°C
<b>Density</b>			
Value	appr. 1,0		kg/l
<b>Viscosity</b>			
Value	appr. 11		s
Method	DIN 53211 4 mm		

**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**

Under normal conditions of storage and use, hazardous reactions will not occur.

**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**

By appropriate use of the product no health damage is known.

**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**

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

**Serious eye damage/irritation**

valuation slight irritant effect - does not require labelling

**Sensitization**

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

**Mutagenicity**

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

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**Carcinogenicity**

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

**Reproduction 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**

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

**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**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

**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**

Non-dangerous goods

**Marine transport IMDG/GGVSee**

The product does not constitute a hazardous substance in sea transport.

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

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**mixture**

Does not require a hazard warning label, but the normal safety precautions for handling of chemicals must be observed.

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

VOC (EU) 0 %

**15.2. Chemical safety assessment**

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

**16. Other information****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.