



## EU MATERIAL SAFETY DATA SHEET

91/155/EWG

07.2008

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### 1. Substance, Composition and Company Information

Trade name: **LithoFoam ST 100-L** (custom tariff code: 38249097)  
Alkali resistant, foam forming, protein-based substance for the manufacturing of ecological, inorganic building foam with a low density

Company: **Dr. Lucà & Partner Ingenieurkontor GmbH**  
Telefon: **+49 30 457989680**  
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Email: **info@dr-luca.com**

### 2. Composition/Components Information

Odourless, liquid made up of a special composition of inorganic, water-soluble compounds, not subject to compulsory labelling regulations

### 3. Possible Hazards

The concentrated product can cause mild irritation to the eyes and skin.  
Hazard Symbol: not subject to compulsory marking

### 4. First Aid Measures

Remove soiled clothing  
After skin contact: rinse with ample water  
After eye contact: rinse with ample water for 15 minutes (eye-bath)  
After swallowing: rinse mouth immediately and drink ample water, consult medical doctor

### 5. Measures against Fire

No fire risk

### 6. Measures against Accidental Spillage

Cleaning/Removal Measures: remove using absorbent materials, such as wood shavings or Vermiculit, Sepiolith, pumice stone.

### 7. Handling and Storage

Avoid contact with skin and eyes  
Protection against fire and explosion: not required  
Storage: no special storage requirements.

### 8. Exposure Limits and Personal, Protective Clothing and Equipment

Components with threshold values that require monitoring: none  
Work hygiene: avoid contact with skin and eyes. Wash hands before breaks and when finishing work.  
Do not eat or drink while working. Keep product away from food and beverages.  
Protective gloves: yes (recommended)  
Goggles: yes (recommended)





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### 9. Physical and chemical properties

Form:	liquid
Colour:	light brown to brown
Odour:	depending on product
Solidification temperature:	up to -15°C according to type
Flaming point:	not applicable
Ignition temperature:	not applicable
Melting point:	not applicable
Boiling point of the inorganic components:	not applicable
Density (g/ml):	ca. 1.00-1.10
Water solubility (20°C):	unlimited mixability
pH-Value:	ca. 6.5 – 7.5
Electrolytical Conductivity:	10-15 mS/cm

### 10. Stability and Reactive Properties

Stability:	stable in area of application
Hazardous reactions:	none

### 11. Toxicological Data

Skin:	slight allergic irritation possible
Eyes:	slight irritation possible

### 12. Ecological Data

No impediment to the biodegradability of activated sludge in purification plants  
Biodegradability: >90% biodegradable (OECD: readily biodegradable)  
Biological assimilation of the inorganic components: 100%  
Water Hazard Class: 1, slightly water-hazardous

### 13. Disposal

Product: in compliance with official, local regulations. Large quantities are returnable

### 14. Transportation

Non-hazardous good  
GGVSee/IMDG-Code: -- UN-No.: -- MFAG: -- EmS: --  
GGVE/GGVS: Kl. -- Zi. -- RID/ADR.: Kl. -- Zi. --  
ADNR: Kl. -- Zi. -- Kat. -- ICAO/IATA-DGR: --

### 15. Regulations

Marking according to EU Regulations and Guidelines:  
Not subject to compulsory labelling  
Usable Solution (Dissolved in water)  
Not subject to compulsory labelling

### 16. Further Information

This information applies to the product **LithoFoam ST 100-L**  
It does not constitute a properties guarantee and does not apply to any subsequent products possibly deriving therefrom

