

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: Liquid Thixo

Article-No.: 26043-003

Revision date: 14.03.2022

Version: 2.0/en



Replaces version from: 21.09.2018

Print date: 14.03.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial Product Name **Liquid Thixo**

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

Relevant identified uses thickening agent

1.3 Details of the supplier of the safety data sheet

Company designation Bauder Ltd.
70 Landseer Road
Ipswich IP3 0DH
Telephone: +44 (0)1473 257671

E-mail (competent person) info@bauder.co.uk

1.4 Emergency telephone number

NPIS (National Poisons Information Service): 0344 892 0111 (for medical professionals only).

For medical advice, members of the public should contact NHS 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to This product is classified as not hazardous according to regulation (EC)
Regulation (EC) No. 1272/2008 1272/2008 [CLP].

2.2 Label elements

Labelling according to Regulation The product does not have to be labelled according to Regulation (EC)No.
(EC) No. 1272/2008 [CLP] 1272/2008 [CLP].

Further information EUH210: Safety data sheet available on request.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical characterization solution of modified carbamide

Hazardous ingredients

Ingredient	Numbers	Classification (EC) 1272/2008	Concentration
Lithiumchlorid	CAS No.: 7447-41-8 EC-No.: 231-212-3REACH No.: 01-2119560574-35-XXXX	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319	1.0 - 5.0 % by weight

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice Move out of dangerous area. Take off all contaminated clothing immediately. Do not leave the victim unattended. Show this safety data sheet to the doctor in attendance.

If inhaled Move to fresh air. If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
Take the victim into fresh air. If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

In case of skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation occurs, seek medical advice/attention.

In case of eye contact In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide (CO₂), Foam, Water spray, Dry powder

Extinguishing media which mustnot
be used for safety reasons High volume water jet

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising
from the substance or preparation
itself, its combustion products, or
released gases Hazardous decomposition products formed under fire conditions. Exposure to decomposition products may be a hazard to health.

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5.3 Advice for firefighters

Special protective equipment for firefighting

In the event of fire, wear self-contained breathing apparatus.

Additional information on fire-fighting

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation. Solvent vapours are heavier than air and may spread along floors.
Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean contaminated surface thoroughly. Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections

Reference to other sections

Disposal considerations See also section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Processing may lead to evolution of flammable volatiles. In case of insufficient ventilation, wear suitable respiratory equipment. Keep product and empty container away from heat and sources of ignition.
Handle and open container with care. Avoid contact with skin and eyes.

Precautions

Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Observe label precautions.

Advice on protection against fire and explosion

Take precautionary measures against static discharges. Vapors can form an explosive mixture with air. Use a water spray jet to cool closed containers.

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7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements Storage must be in accordance with the BetrSichV (Germany). Keep in a cool, well-ventilated place. Keep in an area equipped with solvent resistant flooring. Keep in properly labelled containers. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Respiratory protection	Vapour during processing may be irritating to the respiratory tract and to the eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Remarks	Recommended Filter type: A1, A2 (at higher concentrations) Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust). Note: Should no job-related limit values are indicated, the product, which a monitoring exposure limit is allocated, do not contains ingredients in relevant concentrations.
Hand protection	Protective gloves complying with EN 374. 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.
Unsuitable material	woven fabric, Leather gloves
Suitable material	Nitriles
Eye protection	Tightly fitting safety goggles
Skin and body protection	Wear suitable protective equipment. Long sleeved clothing
General protective and hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Avoid contact with the skin and the eyes.
Engineering measures	Ensure adequate ventilation, especially in confined areas. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	liquid
Colour	yellowish
Odour	odourless
Boiling point [°C]	212 °C
Flash point [°C]	99 °C
Vapour pressure [kPa]	<1 hPa
Density [g/cm ³]	1,157g/cm ³
Temperature [°C]	20°C
Water solubility [g/l]	
Remarks	insoluble
Viscosity, dynamic [kg/(m s)]	800-900 mPa*s

9.2 Other information

Ignition temperature [°C]	250 °C
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SECTION 10: Stability and reactivity

10.4 Conditions to avoid

Conditions to avoid	Extremes of temperature and direct sunlight.
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10.5 Incompatible materials

Materials to avoid	Strong oxidizing agents
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10.6 Hazardous decomposition products

Hazardous decomposition products	Carbon oxides nitrogen oxides (NOx)
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Oral toxicity [mg/kg]	>5000 mg/kg
Test criterion	LD50
Test species	rat

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Dermal toxicity [mg/kg]

Hazardous ingredients

Lithiumchlorid			
Value	Test criterion	Test species	Source
>2001 mg/kg	LD50	rat	Company data

Irritant effect on skin	Mild skin irritation
Measuring method	OECD Test Guideline 404
Test species	rabbit
Irritant effect on eyes	Mild eye irritant Measuring
method	OECD Test Guideline 405
Test species	rabbit

SECTION 12: Ecological information

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 Other adverse effects

Further information on ecology We have no quantitative data concerning the ecological effects of this product.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. The following Waste Codes are only suggestions:

Waste Code 08 01 12 waste paint and varnish other than those mentioned in 08 01 11

Uncleaned empty packaging -

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.1 UN-No	Not applicable.	Not applicable.	Not applicable.
14.2 Description of the goods	Non dangerous good	Non dangerous good	Non dangerous good IATA
UN proper shipping name		Non dangerous good	Non dangerous good
14.3 Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
14.4 Packaging group	Not applicable.	Not applicable.	Not applicable.
14.5 Environmental hazards	Not applicable.	Not applicable.	Not applicable.
	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA

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14.6 Special precautions for user

Precautions No special measures are required.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL and the IBC Code Not relevant

SECTION 15: Regulatory information

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

Additional regulations Additionally, observe any national regulations!

SECTION 16: Other information

Modifications since last version Modifications of the previous version are denoted with an asterisk (*).

Relevant H-phrases
H302: Harmful if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.

Wording of the hazard classes
Acute Tox.: Acute toxicity
Skin Irrit.: Skin irritation
Eye Irrit.: Serious eye irritation

Department issuing safety data sheet Environmental Department

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.