



Safety data-sheet (91/155 EEC)

Printed 06.08.2005
Revision 08.07.2005 (GB) Version 1.3
LAGERMEISTER BF 1
A02671

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product	LAGERMEISTER BF 1
Manufacturer/distributor	Fuchs Lubritech GmbH Hans-Reiner-Straße 7-13, D-67685 Weilerbach/ Germany Postbox POBox 51, D-67683 Weilerbach/ Germany Phone +49 (0) 6374 / 924-5, Fax + 49 (0) 6374 / 924-940 E-Mail info@fuchs-lubritech.de Internet www.fuchs-lubritech.com
Advice	Product Safety Management Phone +49 (0) 6374 / 924-808 Fax +49 (0) 6374 / 924-939
Emergency advice	+49 (0)171 / 4632154

! 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Thickening system and additives in highly refined mineral oil

! Hazardous ingredients

CAS-No.	EC-No.	Name	[% weight]	Classification
012001-85-3		Phosphorsäureester, aminneutralisiert	0,1 - 1	N;R51/53
068411-46-1		Zinc naphthenate	1 - 2	N;R51/53
068649-42-3		Anilin, N-Phenyl-, Reaktionsprodukte mit 2,4,4-Trimethylpenten zinc-dialkyldithiophosphate	0,1 - 1 0,1 - 1	N; R51/53 Xi R41; N 51/53

Additional advice

none at appropriate handling and storage

3. HAZARDS IDENTIFICATION

Special hazards information for humans and environment

none at appropriate handling and storage

4. FIRST AID MEASURES

General information

Remove contaminated soaked clothing immediately, don't leave to dry.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

(may be relevant for vapours of superheated product)

In case of skin contact

In case of contact with skin wash off with soap and water.

Don't use organic solvents

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Give activated charcoal.

Do not induce vomiting.

Refer to medical treatment.

Give plenty of water to drink in small sips.

Physician's information / possible dangers

Aspiration hazard when vomiting after swallow up

Treatment (Advice to doctor)

Treat symptoms.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Alcohol-resistant foam

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet



Extinguishing media which must not be used for safety reasons

Strong water jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Fire gas of organic material has to be classed invariably as respiratory poison.

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Special protective equipment for fire-fighters

In case of rescue and maintenance activities in storage containers use environment-independent breathing apparatus because of risk of suffocation by edging out of air oxygen

Wear suitable personal protective equipment for fire extinguishing measures.

Additional information

Apply foam in large quantities because some of it is destroyed by the product.

Collect contaminated firefighting water separately, must not be discharged into the drains.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions such as

Einatmen von Stäuben vermeiden.

Keep away sources of ignition.

Avoid contact with skin and eyes

Environmental precautions such as

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up such as

Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

Take up mechanically and send for disposal.

Additional Information

Informations for disposal see chapter 13.

7. HANDLING AND STORAGE

Advice on safe handling

Avoid the formation of dust.

Care for thoroughly room ventilation, if necessary suck off at workplace.

Advice on protection against fire and explosion

Take precautionary measures against static discharges (earthing (grounding) at pouring)

Formation of explosive gas mixtures in air.

Advice on storage compatibility

Do not store together with food.

Further information on storage conditions

Store only in original container at cool and aired place.

Recommended storage temperature: room temperature.

Storage group 10/11

Fire class B

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional advice

As basis for this information served the valid references.

Respiratory protection

In case of dust formation wear micro dust mask.

Hand protection

Protective gloves

Eye protection

safety goggles / face protection

Skin protection

Usual working clothes for chemical industries

General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

Hygiene measures

Cloths contaminated with product should not be kept in trouser pockets.

At work do not eat, drink, smoke or take drugs.

Follow general rules of industrial hygiene for safe handling of chemical products



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9. PHYSICAL AND CHEMICAL PROPERTIES**Form**
pasty**Colour**
brown**Odour**
characteristic**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
pH value in delivery state					not applicable
boiling range	not applicable				
drop point	> 175 °C			ASTM D 566	
Flash point	> 240 °C				data refer to the base oil
Autoignition	> 350 °C			ASTM D 659	
Density	950 kg/m ³				
Solubility in water					more or less insoluble
Viscosity 1					NLGI 1
Oxidizing properties	no				
Explosive properties	no				

10. STABILITY AND REACTIVITY**Conditions to avoid**

Statische Auf-/Entladung, Bildung von Staub vermeiden, Zündquellen.

Materials to avoid

Reactions with strong acids.

Reactions with strong oxidising agents.

Reactions with strong alkalies.

Hazardous decomposition products

thermal decomposition:

carbon monoxide and carbon dioxide

Thermal decomposition

Remark No decomposition below 350°C.

11. TOXICOLOGICAL INFORMATION**Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
LD 50 acute oral	> 2000 mg/kg	rat		
Irritability skin	no irritating effects known			
Irritability eye	no irritating effects known			

Experiences made from practice

no harmful effects at appropriate handling and determined usage

Additional information

No toxicological data available.

12. ECOLOGICAL INFORMATION**Data on elimination (persistence and degradability)**

	Elimination rate	Method of analysis	Method	Validation
Biological degradability				not determined



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Mobility and bioaccumulative potential

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely. preparation is water insoluble and does not formate emulsion

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 > 100 mg/l			

General regulation

Ecological dates are not available.

Do not discharge product unmonitored into the environment.

Product is not allowed to discharge into aquatic environment, drains or sewage treatment plants.

13. DISPOSAL CONSIDERATIONS

Recommendations for the product

Disposal according to local authority prescriptions

Recommendations for packaging

Uncontaminated packaging may be treated as household waste.

Contaminated packings have to be treated like the product itself.

14. TRANSPORT INFORMATION

Land and inland navigation transport (ADR/RID/GGVS/GGVE/ADNR)

No hazardous material as defined by the prescriptions.

Marine transport IMDG/GGV See

No hazardous goods as defined by prescriptions

Air transport ICAO/IATA

No hazardous goods as defined by prescriptions

15. REGULATORY INFORMATION

Remarks for classification

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

National regulations

Water hazard class 1 self-classification

VOC standard
VOC content 0 %

16. OTHER INFORMATION

Training advice

Use information in this MSDS

Recommendend uses and restrictions

usage only according to instructions for use and observance of warning notes
National and local regulations concerning chemicals shall be observed.

Further information

The information given in this MSDS is based on the present state of knowledge and is intended to describe our products from the point of view of safety requirements only.

Substantial changes to the former version are marked by "!" on the left margin of the paper.

Refer to product information paper.

Sources of key data used

Material Safety Data Sheets of raw materials

Wording of the R-phrases specified in chapter 2 (not the classification of the formulation!)

R 41 Risk of serious damage to eyes.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.