

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Einschleifbutter_Lapping Paste water-soluble

Print date: 03.08.2012

Product code: 0101

Page 2 of 6

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Change contaminated clothing.

After contact with skin

Subsequently wash again with: Water and soap.
Rub in high-fat content cream.

In case of skin irritation, seek medical treatment.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water.
Medical treatment necessary.

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

In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing materials should be selected according to the surrounding area.

Extinguishing media which must not be used for safety reasons

Extinguishing materials should be selected according to the surrounding area.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂).

5.3. Advice for firefighters

Extinguishing materials should be selected according to the surrounding area.

Additional information

Contaminated fire-fighting water must be collected separately.
Fire class B: Burning liquid or melting substances.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No special measures are necessary.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Remove mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

No special measures are necessary.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures are necessary.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Einschleifbutter_Lapping Paste water-soluble

Print date: 03.08.2012

Product code: 0101

Page 3 of 6

Advice on protection against fire and explosion

No special measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage in a cool and dry place. Base material becomes liquid at temperatures > 35°C

Further information on storage conditions

Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
25322-68-3	PEG 400		1000		TWA (8 h) STEL (15 min)	

8.2. Exposure controls

Respiratory protection

not required

Hand protection

In case of prolonged or frequently repeated skin contact: Suitable material: NBR (Nitrile rubber).
Breakthrough times and swelling characteristics of the material must be taken into consideration.
Protect skin by using skin protective cream.

Eye protection

In case of splashes: Framed glasses.

Skin protection

working clothes

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Paste
 Colour: grey
 Odour: almost odourless

pH-Value: neutral

Changes in the physical state

Melting point: not determined
 Boiling point: not determined
 Softening point: ca.35 °C base material
 : none/none
 Ignition temperature: >320 °C (base material)

Oxidizing properties

none/none

Density: >1,5 g/cm³ different depending on grain sizes

Solubility in other solvents

Base material watersoluble, product rinseable

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Einschleifbutter_Lapping Paste water-soluble

Print date: 03.08.2012

Product code: 0101

Page 4 of 6

Vapour density:

not applicable

Evaporation rate:

not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

Material does not decompose at normal ambient temperatures.

10.2. Chemical stability

Material is stable under normal conditions.

10.4. Conditions to avoid

heat.

10.5. Incompatible materials

Oxidizing agents, strong.

Acid.

Alkalis (alkalis).

10.6. Hazardous decomposition products

none known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Preparation not tested.

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
25322-68-3	PEG 4000				
	oral	LD50 mg/kg	> 15000	Rat.	
25322-68-3	PEG 400				
	oral	LD50 mg/kg	> 15000	Rat.	

Additional information on tests

In rare cases, product may cause temporary redness of the skin.

Further information

Risk is improbable under normal conditions of use.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity LC50: 87 mg/l (24h) Pimephales promelas

Acute Daphnia toxicity EC50: 53 mg/l (48h) Daphnia magna

Bacterial toxicity: EC50: >1000 mg/l (OECD 309)

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	h	Species	Source
25322-68-3	PEG 4000					
	Acute fish toxicity	LC50	>10 mg/l	96	Leuciscus idus (golden orfe)	
25322-68-3	PEG 400					
	Acute fish toxicity	LC50	>10 mg/l	96	Leuciscus idus (golden orfe)	

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Einschleifbutter_Lapping Paste water-soluble

Print date: 03.08.2012

Product code: 0101

Page 5 of 6

12.2. Persistence and degradability

Some of the components are biodegradable. (base material) >90% (10d)

12.3. Bioaccumulative potential

No indication of bio-accumulation potential. Due to the n-octanol-water partition coefficient, a bio-accumulation in organisms is not to be expected. $\log(Pow) < 3$

Further information

According to the present state of knowledge negative ecological effects are not expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal number of waste from residues/unused products

120121 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent grinding bodies and grinding materials other than those mentioned in 12 01 20

Waste disposal number of used product

120121 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent grinding bodies and grinding materials other than those mentioned in 12 01 20

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

SECTION 14: Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

Not restricted

Inland waterways transport

Other applicable information (inland waterways transport)

Not restricted

Marine transport

Other applicable information (marine transport)

Not restricted

Other applicable information

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

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

EU regulatory information

1999/13/EC (VOC): -

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Einschleifbutter_Lapping Paste water-soluble

Print date: 03.08.2012

Product code: 0101

Page 6 of 6

Changes

Revision date: 2009-04-02

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)