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

1.1. Product identifier

Steinpflege

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

Use of the substance/mixture

Stone care agent

1.3. Details of the supplier of the safety data sheet

Company name:	Planol GmbH + Co. KG	
Street:	Maybachstr. 17	
Place:	D-63456 Hanau	
Telephone:	+49 (0) 6181 94570-10	Telefax: +49 (0) 6181 94570-29
Internet:	www.planol.de	
Responsible Department:	Labor	

1.4. Emergency telephone number:

+49 (0) 6132 / 84463 (GBK GmbH)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:
Respiratory or skin sensitisation: Skin Sens. 1
Hazard Statements:
May cause an allergic skin reaction.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Triisobutyl phosphate
2-methylisothiazol-3(2H)-one

Signal word: Warning

Pictograms:

Hazard statements

H317	May cause an allergic skin reaction.

Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of Water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P501	Dispose of contents/container to in accordance with local and national regulations.

Additional advice on labelling

The product is labeled in accordance with Regulation (EC) no. 1272/2008 (GHS).

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

This Safety Data Sheet corresponds to the criteria of www.compliance-footprint.com

Chemical characterization

Mixture of the following substances with non-hazardous admixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
126-71-6	Triisobutyl phosphate			< 1 %
	204-798-3		01-2119957118-32	
	Skin Sens. 1B; H317			
2682-20-4	2-methylisothiazol-3(2H)-one			< 0,005 %
	220-239-6	613-326-00-9	01-2120764690-50	
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H301 H314 H318 H317 H400 H410 EUH071			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
2682-20-4	220-239-6	2-methylisothiazol-3(2H)-one	< 0,005 %
	inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: ATE = 300 mg/kg; oral: ATE = 100 mg/kg Skin Sens. 1A; H317: >= 0,0015 - 100 M akut; H400: M=10 M chron.; H410: M=1		

Further Information

Ingredients according to EC Detergents Regulation 648/2004:
Non-ionic surfactants: < 5 %
BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No specific precautions required.

After inhalation

Ensure of fresh air. If symptoms persist, call a physician.

After contact with skin

Wash hands with water as a precaution. Consult a doctor if skin irritation persists.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

After ingestion

Rinse out mouth and give plenty of water to drink. If symptoms persist, call a physician.

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

Can cause allergic reactions.
Watch out. Beware, hazard of foam aspiration.

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

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

This Safety Data Sheet corresponds to the criteria of www.compliance-footprint.com

Suitable extinguishing media

Foam, carbon dioxide (CO2), dry chemical, water-spray

5.2. Special hazards arising from the substance or mixture

No data available

5.3. Advice for firefighters

No specific fire preventions necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. High risk of slipping due to leakage/spillage of product.

For non-emergency personnel

Avoid contact with skin, eyes and clothing.

For emergency responders

Use personal protective clothing.
Remove persons to safety.

6.2. Environmental precautions

Dilute with plenty of water.

6.3. Methods and material for containment and cleaning up

Other information

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).
No release of hazardous substances.

6.4. Reference to other sections

Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed. Use personal protective clothing. Avoid contact with eyes and skin.

Advice on protection against fire and explosion

No special precautions required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special precautions required.

Hints on joint storage

Not required.

Further information on storage conditions

Keep container tightly closed.
Keep from freezing.

7.3. Specific end use(s)

Stone care agent

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

This Safety Data Sheet corresponds to the criteria of www.compliance-footprint.com

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Take the usual precautions when handling with chemicals. Wash hands before breaks and at the end of workday. When using do not eat, drink or smoke. Take off immediately all contaminated clothing. Avoid contact with skin, eyes and clothing.

Eye/face protection

During transferring safety goggles are recommended. In case of eye contact wear safety goggles or face protection Tightly fitting goggles (EN 166).

Hand protection

Protective gloves (EN 374). Neoprene gloves (recommended: minimum protection index 2, corresponding to a permeation rate > 30 minutes according to EN 374).
Not suitable: leather gloves.
Follow the recommendations of the glove manufacturer for breakthrough properties especially for workplace conditions involving mechanical stress and contact duration. Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection

Wear protective clothing.

Respiratory protection

Not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	White, Milky
Odour:	Pleasant
pH-Value (at 20 °C):	Approximately 8 (concentrated)

Changes in the physical state

Melting point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Flash point:	No data available
Sustaining combustion:	No data available

Explosive properties

The product is not explosive.

Lower explosion limits:	No data available
Upper explosion limits:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available

Oxidizing properties

Not fire-promoting.

Vapour pressure:	No data available
Density (at 20 °C):	1,025 g/cm³

This Safety Data Sheet corresponds to the criteria of www.compliance-footprint.com

Water solubility: Completely miscible
(at 20 °C)

Solubility in other solvents

No data available

Partition coefficient n-octanol/water: No data available

Viscosity / dynamic: No data available

Viscosity / kinematic: No data available

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No uncommon reactivity known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.
Keep from freezing.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicocinetics, metabolism and distribution

The product has not been tested.

Acute toxicity

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

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
2682-20-4	2-methylisothiazol-3(2H)-one					
	oral	ATE mg/kg	100			
	dermal	ATE mg/kg	300			
	inhalation vapour	ATE	0,5 mg/l			
	inhalation aerosol	ATE	0,05 mg/l			

Irritation and corrosivity

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

Sensitising effects

May cause an allergic skin reaction. (Triisobutyl phosphate; 2-methylisothiazol-3(2H)-one)

Carcinogenic/mutagenic/toxic effects for reproduction

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

This Safety Data Sheet corresponds to the criteria of www.compliance-footprint.com

STOT-single exposure
Based on available data, the classification criteria are not met.

STOT-repeated exposure
Based on available data, the classification criteria are not met.

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

11.2. Information on other hazards

Endocrine disrupting properties
No data available

SECTION 12: Ecological information

12.1. Toxicity
No data available

12.2. Persistence and degradability
Product is biodegradable. (min. 90%)
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential
No data available

12.4. Mobility in soil
No data available

12.5. Results of PBT and vPvB assessment
No data available

12.6. Endocrine disrupting properties
No data available

12.7. Other adverse effects
If appropriate application no interferences in sewage treatment plants. (< 2000mg/l)

Further information
Do not release undiluted or in higher quantities into the groundwater, sewerage or waters.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations
Disposal in accordance with local regulations.

List of Wastes Code - residues/unused products
200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

List of Wastes Code - 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

Contaminated packaging
Disposal in accordance with local regulations.
Cleaning agent: Water

SECTION 14: Transport information

This Safety Data Sheet corresponds to the criteria of www.compliance-footprint.com

Land transport (ADR/RID)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

2004/42/EC (VOC):	< 5 %
Information according to 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)

Additional information

The product is labeled in accordance with Regulation (EC) no. 1272/2008 (GHS).

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,4,6,7,8,9,10,11,12,14,15,16.

This Safety Data Sheet corresponds to the criteria of www.compliance-footprint.com

Abbreviations and acronyms

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route
(Agreement concerning the international carriage of Dangerous goods by Road)
IMDG-Code: International Maritime Code for Dangerous Goods
ICAO: International Civil Aviation Organisation (IATA: The International Air Transport Association)
GHS: Globally Harmonized System of Classification, Labelling and Packaging of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS-Nr.: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Skin Sens. 1; H317	Calculation method

Relevant H and EUH statements (number and full text)

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.
The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.
The delivery specifications are contained in the corresponding product sheet.
This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.
(n.a. = not applicable; n.d. = not determined)

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

This Safety Data Sheet corresponds to the criteria of www.compliance-footprint.com