

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

# Planol

## KLARWISCHPFLEGE KONZENTRAT

Revision date: 26.04.2021

Product code: 00514-0039

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

#### 1.1. Product identifier

KLARWISCHPFLEGE KONZENTRAT

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

##### Use of the substance/mixture

Cleaning 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:  
Skin corrosion/irritation: Skin Irrit. 2  
Serious eye damage/eye irritation: Eye Dam. 1  
Hazard Statements:  
Causes skin irritation.  
Causes serious eye damage.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

**Hazard components for labelling**  
sodium alkylbenzenesulfonate  
Alcohols, C9-11-iso-, C10-rich, ethoxylated

**Signal word:** Danger

**Pictograms:**



##### Hazard statements

H315 Causes skin irritation.  
H318 Causes serious eye damage.

##### Precautionary statements

P280 Wear protective gloves/eye protection.  
P302+P352 IF ON SKIN: Wash with plenty of Water.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.

##### Additional advice on labelling

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



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### 2.3. Other hazards

No data available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Aqueous cleansing agent with surfactants

#### Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	GHS Classification			
68411-30-3	sodium alkylbenzenesulfonate	5 - < 10 %		
	270-115-0		01-2119489428-22	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412			
78330-20-8	Alcohols, C9-11-iso-, C10-rich, ethoxylated	1 - < 5 %		
	Acute Tox. 4, Eye Dam. 1; H302 H318			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	1 - < 5 %		
	200-661-7	603-117-00-0	01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
67701-11-5	Fatty acids, C14-18 and C16-18-unsaturated, sodium salt	1 - < 5 %		
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			

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		
68411-30-3	270-115-0	sodium alkylbenzenesulfonate	5 - < 10 %
	oral: LD50 = 1080 mg/kg		
78330-20-8		Alcohols, C9-11-iso-, C10-rich, ethoxylated	1 - < 5 %
	oral: ATE = 500 mg/kg		
67-63-0	200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	1 - < 5 %
	dermal: LD50 = 12800 mg/kg; oral: LD50 = 5050 mg/kg		

#### Further Information

Ingredients according to EC Detergents Regulation 648/2004:

Anionic surfactants: 5 - 15 %

Non-ionic surfactants: < 5 %

Soap: < 5 %

fragrances, LIMONENE, LINALOOL, BENZYL SALICYLATE, CITRONELLOL

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Take away from danger area and lay down affected person. Take affected person into fresh air. In case of the person being unconscious put him/her in a stable side position. Do not leave casualty unattended. Consult a physician.

#### After inhalation

Ensure of fresh air. In case of inhalation of aerosol/mist consult a physician if necessary. If threatening



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unconsciousness, position and transport in recovery position.

**After contact with skin**

Wash hands with water as a precaution. Remove contaminated clothing immediately and dispose of safely. Remove the casualty into fresh air and keep him immobile. If symptoms develop, seek medical attention.

**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. Ensure of fresh air. Do not provoke vomiting. Consult physician. Attention in case of vomiting - acute danger of suffocating, produced by foaming ingredients. Rinse mouth. Make drink some glasses of water. The decision whether to provoke vomiting is to be taken by a physician.

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

Causes serious eye damage. Watch out. Beware, hazard of foam aspiration. Possibility of strong irritations in the case of contact with eye-, skin or mucous membranes because of the high ph-value.

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

Treat symptoms.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray

**Unsuitable extinguishing media**

Not known.

**5.2. Special hazards arising from the substance or mixture**

Not known.

**5.3. Advice for firefighters**

No specific fire preventions necessary.

**Additional information**

Cool containers at risk with water spray jet. Collect contaminated firefighting water separately, must not be discharged into the drains. Do not discharge into the drains/surface waters/ground water.

**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). Shovel into suitable container for disposal. Clean contaminated surface thoroughly.

**6.4. Reference to other sections**

Information for disposal see section 13.



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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

Keep container tightly closed. Use only in thoroughly ventilated areas. Avoid formation of aerosols. 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

Provide acid-resistant floor. Provide floor with bunding.

##### Hints on joint storage

Do not store with acids.

Keep away from food, drink and animal feeding stuffs.

##### Further information on storage conditions

Keep container tightly closed.

Keep from freezing.

#### 7.3. Specific end use(s)

Cleaning agent

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

#### 8.2. Exposure controls

##### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

##### Protective and hygiene measures

Wash hands before breaks and at the end of workday. Take off immediately all contaminated clothing. Avoid contact with skin, eyes and clothing.

##### Eye/face protection

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

No personal respiratory protective equipment normally required. In case of insufficient ventilation or long-term effect wear suitable respiratory equipment. Filter type A-P2.



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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Yellowish
Odour:	Fresh/ Pleasant
pH-Value (at 20 °C):	10,0 (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: (at 20 °C)	No data available
Density (at 20 °C):	1,02 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	Completely miscible

#### Solubility in other solvents

No data available

Partition coefficient n-octanol/water:	No data available
Viscosity / dynamic:	Not determined
Viscosity / kinematic:	No data available

#### 9.2. Other information

No data available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

May be corrosive to metals.

#### 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

Strong acids and oxidizing agents



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### 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. No toxicological data available.

#### Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68411-30-3	sodium alkylbenzenesulfonate				
	oral	LD50 1080 mg/kg	Rat	ECHA	OECD 401
78330-20-8	Alcohols, C9-11-iso-, C10-rich, ethoxylated				
	oral	ATE 500 mg/kg			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50 5050 mg/kg	Rat		
	dermal	LD50 12800 mg/kg	Rabbit		

#### Irritation and corrosivity

Causes skin irritation.

Causes serious eye damage.

#### Sensitising effects

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

No sensitizing effect known.

#### Carcinogenic/mutagenic/toxic effects for reproduction

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

#### 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

#### Other information

Ingestion causes burns of the upper digestive and respiratory tracts. Hazard of gastric perforation. Watch out.

Beware, hazard of foam aspiration.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecological data are not available.



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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute fish toxicity	LC50 mg/l	> 1000	96 h		
	Acute crustacea toxicity	EC50 mg/l	> 1000	48 h		

### **12.2. Persistence and degradability**

Readily degradable.

### **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**

Can be disposed of after chemical and physical treatment, when in compliance with local regulations.

#### **List of Wastes Code - residues/unused products**

200115 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); Alkalines; hazardous waste

#### **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**

### **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.



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**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

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.

Water hazard class (D): 2 - obviously 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):  
1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16.

### 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





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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 Irrit. 2; H315	Calculation method
Eye Dam. 1; H318	Calculation method

### Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

### 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.)*

