

Safety Data Sheet

according to UK REACH Regulation

Planol

Alkoholreiniger Konzentrat

Revision date: 26.04.2021

Product code: 00514-0029

Page 1 of 10

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

1.1. Product identifier

Alkoholreiniger 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
Internet: www.planol.de
Responsible Department: Labor

Telefax: +49 (0) 6181 94570-29

1.4. Emergency telephone number:

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Hazard categories:

Flammable liquid: Flam. Liq. 3

Serious eye damage/eye irritation: Eye Dam. 1

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Flammable liquid and vapour.

Causes serious eye damage.

May cause drowsiness or dizziness.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

propan-2-ol; isopropyl alcohol; isopropanol

Alcohols, C9-11-iso-, C10-rich, ethoxylated

Signal word: Danger

Pictograms:



Hazard statements

H226 Flammable liquid and vapour.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves/eye protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if



Safety Data Sheet

according to UK REACH Regulation

Planol

Alkoholreiniger Konzentrat

Revision date: 26.04.2021

Product code: 00514-0029

Page 2 of 10

P312 present and easy to do. Continue rinsing.
Call a POISON CENTER/doctor if you feel unwell.

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

Chemical characterization

Aqueous cleansing agent with surfactants

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			25 - < 30 %
	200-661-7	603-117-00-0	01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
78330-20-8	Alcohols, C9-11-iso-, C10-rich, ethoxylated			5 - < 10 %
	Acute Tox. 4, Eye Dam. 1; H302 H318			

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		
67-63-0	200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	25 - < 30 %
	dermal: LD50 = 12800 mg/kg; oral: LD50 = 5050 mg/kg		
78330-20-8		Alcohols, C9-11-iso-, C10-rich, ethoxylated	5 - < 10 %
	oral: ATE = 500 mg/kg		

Further Information

Ingredients according to EC Detergents Regulation 648/2004:

Non-ionic surfactants: 5 - 15 %

fragrances, BUTHYLPHENYL METHYLPROPIONAL, LINALOOL, 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. If symptoms develop, seek medical attention. In case of inhalation of aerosol/mist consult a physician if necessary.

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. 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.



Safety Data Sheet

according to UK REACH Regulation

Planol

Alkoholreiniger Konzentrat

Revision date: 26.04.2021

Product code: 00514-0029

Page 3 of 10

After ingestion

If symptoms persist, call a physician. 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

Vapours may cause drowsiness and dizziness. 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 (CO₂), dry chemical, water-spray

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Combustible. Vapours may form explosive mixture with air.

High risk of slipping due to leakage/spillage of product.

5.3. Advice for firefighters

No specific precautions required.

In case of fire, wear suitable respiratory equipment with positive air supply.

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

Explosive. Ensure adequate ventilation. Use personal protective clothing. Keep away noninvolved persons.

For non-emergency personnel

Do not breathe vapours.

Avoid contact with skin, eyes and clothing.

For emergency responders

Use personal protective clothing.

Remove persons to safety.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground 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). After taking up the material dispose according to regulation. Use breathing apparatus if exposed to vapours/dust/aerosol. Shop towels contaminated with solvents can auto ignite. Provide for safe disposal of wastes. Cloths contaminated with product should not be kept in trouser pockets.

6.4. Reference to other sections

Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling



Safety Data Sheet

according to UK REACH Regulation

Planol

Alkoholreiniger Konzentrat

Revision date: 26.04.2021

Product code: 00514-0029

Page 4 of 10

Advice on safe handling

Keep container tightly closed. Ensure adequate ventilation, especially in confined areas. Avoid formation of aerosols. Avoid contact with eyes and skin. Use personal protective clothing.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take measures against electrostatically charging.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Provide alkali-resistant floor. Provide floor with bunding.

Hints on joint storage

Do not store with acids. Do not store together with metals. Keep away from food, drink and animal feeding stuffs.

Further information on storage conditions

Keep container tightly closed.

Recommended storage temperature: 5 - 25°C.

Keep from freezing. Protect from heat and direct solar radiation. Ignition hazard.

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 ³	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. Keep away from food, drink and animal feeding stuffs.

Take off immediately all contaminated clothing. Avoid contact with skin, eyes and clothing.

Eye/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

Breathing protection is not necessary in the case of correct usage under normal conditions.

Short-term: filter apparatus, filter AX, otherwise environment-independent breathing apparatus.



Safety Data Sheet

according to UK REACH Regulation

Planol

Alkoholreiniger Konzentrat

Revision date: 26.04.2021

Product code: 00514-0029

Page 5 of 10

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Yellow
Odour:	Fresh / Pleasant
pH-Value (at 20 °C):	10 (concentrated)

Changes in the physical state

Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Flash point:	26 °C
Sustaining combustion:	Sustaining combustion

Explosive properties

The product is considered non-explosive; nevertheless explosive vapour/air mixture can be generated.

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):	0,965 g/cm ³
Water solubility: (at 20 °C)	Completely miscible

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

Keep from freezing.
Protect from heat and direct solar radiation. Ignition hazard.

10.5. Incompatible materials

oxidizing agents
Strong acids



Safety Data Sheet

according to UK REACH Regulation

Alkoholreiniger Konzentrat

Revision date: 26.04.2021

Product code: 00514-0029

Page 6 of 10

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 GB CLP Regulation

Toxicokinetics, 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
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50 mg/kg	5050	Rat	
	dermal	LD50 mg/kg	12800	Rabbit	
78330-20-8	Alcohols, C9-11-iso-, C10-rich, ethoxylated				
	oral	ATE mg/kg	500		

Irritation and corrosivity

Causes serious eye damage.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

May cause drowsiness or dizziness. (propan-2-ol; isopropyl alcohol; isopropanol)

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

The product has not been tested. No toxicological data available.

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 biodegradable.



Safety Data Sheet

according to UK REACH Regulation

Planol

Alkoholreiniger Konzentrat

Revision date: 26.04.2021

Product code: 00514-0029

Page 7 of 10

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

No data available

Further information

Do not release undiluted or in higher quantities into the groundwater, sewerage or waters. Risk of drinking water contamination even when low quantities are released into the ground.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not empty into drains. Product rests: send for disposal, e.g. special waste incineration. 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)

<u>14.1. UN number:</u>	UN 1987
<u>14.2. UN proper shipping name:</u>	ALCOHOLS, N.O.S. (propan-2-ol; isopropyl alcohol; isopropanol)
<u>14.3. Transport hazard class(es):</u>	3
<u>14.4. Packing group:</u>	III
Hazard label:	3



Classification code:	F1
Special Provisions:	274 601
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	30
Tunnel restriction code:	D/E

Inland waterways transport (ADN)



Safety Data Sheet

according to UK REACH Regulation

Alkoholreiniger Konzentrat

Revision date: 26.04.2021

Product code: 00514-0029

Page 8 of 10

14.1. UN number: UN 1987
14.2. UN proper shipping name: ALCOHOLS, N.O.S. (propan-2-ol; isopropyl alcohol; isopropanol)
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Classification code: F1
Special Provisions: 274 601
Limited quantity: 5 L
Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number: UN 1987
14.2. UN proper shipping name: ALCOHOLS, N.O.S. (propan-2-ol; isopropyl alcohol; isopropanol)
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Special Provisions: 223, 274
Limited quantity: 5 L
Excepted quantity: E1
EmS: F-E, S-D

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1987
14.2. UN proper shipping name: ALCOHOLS, N.O.S. (propan-2-ol; isopropyl alcohol; isopropanol)
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Special Provisions: A3 A180
Limited quantity Passenger: 10 L
Passenger LQ: Y344
Excepted quantity: E1
IATA-packing instructions - Passenger: 355
IATA-max. quantity - Passenger: 60 L
IATA-packing instructions - Cargo: 366
IATA-max. quantity - Cargo: 220 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Take the usual precautions when handling with chemicals.

14.7. Maritime transport in bulk according to IMO instruments

The transport takes place only in approved and appropriate packaging.



Safety Data Sheet

according to UK REACH Regulation

Planol 

Alkoholreiniger Konzentrat

Revision date: 26.04.2021

Product code: 00514-0029

Page 9 of 10

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): < 26 %
Information according to 2012/18/EU (SEVESO III): P5c FLAMMABLE LIQUIDS

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): 1,2,3,4,5,6,7,8,9,10,11,12,15,16.

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

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 GB CLP Regulation

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Eye Dam. 1; H318	Calculation method
STOT SE 3; H336	Calculation method

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

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



Safety Data Sheet

according to UK REACH Regulation

Planol 

Alkoholreiniger Konzentrat

Revision date: 26.04.2021

Product code: 00514-0029

Page 10 of 10

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.)

