

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.04.2024

Version number 1

Revision: 02.04.2024

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

**- 1.1 Product identifier**

- **Trade name:** PolyXpert Antistatischer Kunststoff Reiniger + Pfleger

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

No further relevant information available.

- **Application of the substance / the mixture** Cleaning and maintenance product

**- 1.3 Details of the supplier of the safety data sheet**

**- Manufacturer/Supplier:**

BurnusCare GmbH  
Augustenstr. 68a  
D-80333 München  
Telefon: +49 6151-8735  
contact@burnuscare.com

- **Further information obtainable from:** Telefon: +49 6151-873-5

- **Department issuing MSDS:** JWenninger@burnuscare.com

**- 1.4 Emergency telephone number:**

Beratungsstelle bei Vergiftungen, Universitätsklinikum Mainz  
Telefon: 06131-19240

### SECTION 2: Hazards identification

**- 2.1 Classification of the substance or mixture**

**- Classification according to Regulation (EC) No 1272/2008**

Flam. Liq. 3 H226 Flammable liquid and vapour.

Eye Irrit. 2 H319 Causes serious eye irritation.

**- 2.2 Label elements**

**- Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

**- Hazard pictograms**



GHS02 GHS07

- **Signal word** Warning

**- Hazard statements**

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

**- Precautionary statements**

P102 Keep out of reach of children.

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

P241 Use explosion-proof electrical/ventilating/lighting equipment.

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].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(Contd. on page 2)

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.04.2024

Version number 1

Revision: 02.04.2024

**Trade name: PolyXpert Antistatischer Kunststoff Reiniger + Pfleger**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations. (Contd. of page 1)

- Labelling of packages where the contents do not exceed 125 ml  
- Hazard pictograms



GHS02 GHS07

- Signal word Warning
- Hazard statements Void
- Precautionary statements  
P102 Keep out of reach of children.
- 2.3 Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

### SECTION 3: Composition/information on ingredients

- 3.2 Mixtures
- Description: Mixture of substances listed below with nonhazardous additions.

**- Dangerous components:**

CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25-xxxx	propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	≥ 10 - ≤ 15%
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**- Regulation (EC) No 648/2004 on detergents:**

anionic surfactants	<5%
perfumes	

- Additional information: For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

- 4.1 Description of first aid measures
- General information: Remove any clothing soiled by the product.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: After contact with skin, wash with plenty of water.
- After eye contact:  
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.
- After swallowing:  
Rinse out mouth and then drink plenty of water.  
If swallowed, do not induce vomiting; seek medical advice and show this container or label.

(Contd. on page 3)

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.04.2024

Version number 1

Revision: 02.04.2024

**Trade name: PolyXpert Antistatischer Kunststoff Reiniger + Pfleger**

(Contd. of page 2)

- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**  
Can form explosive gas-air mixtures.  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Do not inhale explosion gases or combustion gases.
- **Additional information**  
Cool endangered receptacles with water spray.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation  
Keep away from ignition sources.
- **6.2 Environmental precautions:**  
Inform respective authorities in case of seepage into water course or sewage system.  
Dilute with plenty of water.  
Do not allow product to reach sewage system or any water course.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the material collected according to regulations.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 10 for information on "stability and reactivity".  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).  
No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.

(Contd. on page 4)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 02.04.2024

Version number 1

Revision: 02.04.2024

**Trade name: PolyXpert Antistatischer Kunststoff Reiniger + Pfleger**

(Contd. of page 3)

- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Storage class (TRGS 510, Storage of hazardous substances in non-stationary containers):** 3
- **7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

**- 8.1 Control parameters**

**- Ingredients with limit values that require monitoring at the workplace:**

**67-63-0 propan-2-ol**

AGW (Germany)	Long-term value: 500 mg/m <sup>3</sup> , 200 ppm 2(II);DFG, Y
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**- DNELs**

**67-63-0 propan-2-ol**

Oral	Longterm System	26 mg/kg bw/day (General population)
Dermal	Longterm System	319 mg/kg bw/day (General population) 888 mg/kg bw/day (Worker)
Inhalative	Longterm System	89 mg/m <sup>3</sup> (General population) 500 mg/m <sup>3</sup> (Worker)

**- PNECs**

**67-63-0 propan-2-ol**

PNEC Freshwater	140.9 mg/l
PNEC Freshwater sed	552 mg/kg
PNEC Marinewater	140.9 mg/l
PNEC Soil	28 mg/kg
PNEC STP	2,251 mg/l
PNEC Marinewater sed	552 mg/kg

**- Ingredients with biological limit values:**

**67-63-0 propan-2-ol**

BGW (Germany)	25 mg/l Untersuchungsmaterial: Vollblut Probennahmezeitpunkt: Expositionsende bzw. Schichtende Parameter: Aceton
	25 mg/l Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende Parameter: Aceton

- **Additional information:** The lists valid during the making were used as basis.

**- 8.2 Exposure controls**

- **Appropriate engineering controls** No further data; see section 7.

(Contd. on page 5)

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.04.2024

Version number 1

Revision: 02.04.2024

**Trade name: PolyXpert Antistatischer Kunststoff Reiniger + Pflieger**

(Contd. of page 4)

**- Individual protection measures, such as personal protective equipment**

**- General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

**- Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

Filter A/P2

**- Hand protection**

Protective gloves (EN 374)

Check protective gloves prior to each use for their proper condition.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**- Material of gloves**

Find below a list of appropriate protective gloves for chemical surrounding:

Permeation time / penetration time: = 480 minutes (DIN EN 374):

Chloropren Nitril II, Nr. 0717

Nitril I, Nr. 0730, 0732, 0733, 0736, 0737, 0738, 0739 oder 0836

Viton, Nr. 0890

Butyl II, Nr. 0897

Butyl, Nr. 0898

of KCL company (e-mail: [vertrieb@kcl.de](mailto:vertrieb@kcl.de)).

The recommendation is based exclusively on the chemical compatibility and the test according to EN374 under laboratory conditions.

Requirements can vary according to the use. Therefore, please always take into account the glove supplier's recommendations.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**- Penetration time of glove material**

Permeation time / penetration time: see above (material of gloves)

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**- Eye/face protection Safety glasses**

### SECTION 9: Physical and chemical properties

**- 9.1 Information on basic physical and chemical properties**

**- General Information**

**- Colour:** Colourless, light opaque

**- Odour:** Perfumed

**- Odour threshold:** Not determined.

(Contd. on page 6)

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.04.2024

Version number 1

Revision: 02.04.2024

**Trade name: PolyXpert Antistatischer Kunststoff Reiniger + Pfleger**

(Contd. of page 5)

- <b>Melting point/freezing point:</b>	Undetermined.
- <b>Boiling point or initial boiling point and boiling range</b>	> 35 °C
- <b>Flammability</b>	Not applicable.
- <b>Lower and upper explosion limit</b>	
- <b>Lower:</b>	Not determined.
- <b>Upper:</b>	Not determined.
- <b>Flash point:</b>	32 °C
- <b>Decomposition temperature:</b>	Not determined.
- <b>pH at 20 °C</b>	9
- <b>Viscosity:</b>	
- <b>Kinematic viscosity</b>	Not determined.
- <b>Dynamic at 20 °C:</b>	2 mPas
- <b>Solubility</b>	
- <b>water:</b>	Fully miscible.
- <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
- <b>Vapour pressure:</b>	Not determined.
- <b>Density and/or relative density</b>	
- <b>Density at 20 °C:</b>	0.98 g/cm <sup>3</sup>
- <b>Relative density</b>	Not determined.
- <b>Vapour density</b>	Not determined.

- <b>9.2 Other information</b>	
- <b>Appearance:</b>	
- <b>Form:</b>	Fluid
- <b>Important information on protection of health and environment, and on safety.</b>	
- <b>Ignition temperature:</b>	Product is not self-igniting.
- <b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
- <b>Change in condition</b>	
- <b>Softening point/range</b>	
- <b>Oxidising properties</b>	Not determined.
- <b>Evaporation rate</b>	Not determined.

- <b>Information with regard to physical hazard classes</b>	
- <b>Explosives</b>	Void
- <b>Flammable gases</b>	Void
- <b>Aerosols</b>	Void
- <b>Oxidising gases</b>	Void
- <b>Gases under pressure</b>	Void
- <b>Flammable liquids</b>	Flammable liquid and vapour.
- <b>Flammable solids</b>	Void
- <b>Self-reactive substances and mixtures</b>	Void
- <b>Pyrophoric liquids</b>	Void
- <b>Pyrophoric solids</b>	Void
- <b>Self-heating substances and mixtures</b>	Void
- <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
- <b>Oxidising liquids</b>	Void

(Contd. on page 7)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 02.04.2024

Version number 1

Revision: 02.04.2024

**Trade name: PolyXpert Antistatischer Kunststoff Reiniger + Pfleger**

(Contd. of page 6)

- Oxidising solids	Void
- Organic peroxides	Void
- Corrosive to metals	Void
- Desensitised explosives	Void

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** Forms explosive gas mixture with air.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
No dangerous products of decomposition if used and stored according to specifications.

**SECTION 11: Toxicological information**

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

**- LD/LC50 values relevant for classification:**

**67-63-0 propan-2-ol**

Oral	LD50	5,045 mg/kg (not defined) 5,050 mg/kg (Rat, male/female)
	LD50	4,570 mg/kg (Rat, male/female)
Dermal	LD50	13,400 mg/kg (Rabbit)
	LC50/4 h => LC50/4	30 mg/l (not defined)
Inhalative	LC50/4 h	30 mg/l (Rat, male/female)

- **Skin corrosion/irritation** Repeated exposure may cause skin dryness or cracking.
- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** 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.
- **Additional toxicological information:**  
No experimentally found toxicological data are available for this preparation.
- **11.2 Information on other hazards**

**- Endocrine disrupting properties**

This mixture does not contain any components that exhibit endocrine disrupting properties in quantities of 0.1% or more in accordance with REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605.

EU-EN

(Contd. on page 8)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 02.04.2024

Version number 1

Revision: 02.04.2024

**Trade name: PolyXpert Antistatischer Kunststoff Reiniger + Pfleger**

(Contd. of page 7)

**SECTION 12: Ecological information**

**- 12.1 Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **12.2 Persistence and degradability** No further relevant information available.

- **12.3 Bioaccumulative potential** No further relevant information available.

- **12.4 Mobility in soil** No further relevant information available.

**- 12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

**- 12.6 Endocrine disrupting properties**

This mixture does not contain any components that exhibit endocrine disrupting properties in quantities of 0.1% or more in accordance with REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605.

- **12.7 Other adverse effects** No further relevant information available.

**- Additional ecological information:**

**- General notes:**

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.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**SECTION 13: Disposal considerations**

**- 13.1 Waste treatment methods**

- **Recommendation** Disposal must be made according to official regulations.

**- European waste catalogue**

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02 00	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 04*	other organic solvents, washing liquids and mother liquors

**- Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

**- 14.1 UN number or ID number**

- **ADR, IMDG, IATA**

UN1987

**- 14.2 UN proper shipping name**

- **ADR**

1987 ALCOHOLS, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL))

- **IMDG, IATA**

ALCOHOLS, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL))

(Contd. on page 9)



## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 02.04.2024

Version number 1

Revision: 02.04.2024

**Trade name: PolyXpert Antistatischer Kunststoff Reiniger + Pfleger**

(Contd. of page 8)

**- 14.3 Transport hazard class(es)**

**- ADR**



**- Class** 3 (F1) Flammable liquids.  
**- Label** 3

**- IMDG, IATA**



**- Class** 3 Flammable liquids.  
**- Label** 3

**- 14.4 Packing group**

**- ADR, IMDG, IATA** III

**- 14.5 Environmental hazards:** Not applicable.

**- 14.6 Special precautions for user** Warning: Flammable liquids.

**- Hazard identification number (Kemler code):** 30

**- EMS Number:** F-E,S-D

**- Stowage Category** A

**- 14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

**- Transport/Additional information:**

**- ADR**

**- Limited quantities (LQ)** 5L  
**- Excepted quantities (EQ)** Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

**- Transport category** 3  
**- Tunnel restriction code** D/E

**- IMDG**

**- Limited quantities (LQ)** 5L  
**- Excepted quantities (EQ)** Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

**- UN "Model Regulation":** UN 1987 ALCOHOLS, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL)), 3, III

EU-EN

(Contd. on page 10)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 02.04.2024

Version number 1

Revision: 02.04.2024

**Trade name: PolyXpert Antistatischer Kunststoff Reiniger + Pfleger**

(Contd. of page 9)

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

**- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**- REGULATION (EU) 2019/1148**

**- Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**- Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**- Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**- Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**- National regulations:**

- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**- Relevant phrases**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

**- Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3