

Safety Data Sheet according to Regulation (EU) 2015/830

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HANZL® HANOLUX®

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

- 1.1 Product identifier**
DL2015 HANOLUX® Item number 198032
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Hand cleaning agent.
- 1.3 Details of the supplier of the safety data sheet**
- | | |
|--------------------------|---|
| Manufacturer/Distributor | Unisan® Ltd |
| Address/POB | 17B Millers Avenue, Brynmenyn Industrial Estate |
| IVR/ZIP/Place | Bridgend, CF32 9TD |
| E-Mail | sales@unisanuk.com |
| Telephone | 0330 700 6000 |
- 1.4 Emergency telephone number**
0330 700 6000 Out of business hours 0330 700 6000

SECTION 2 Hazards identification

- 2.1 Classification of the substance or mixture**
Sensitisation – Skin, Hazard Category 1 (H317)
Serious eye damage/eye irritation, Hazard Category 2 (H319)
- 2.2 Label elements**



Signal word **Warning**

Hazard statements

H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

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Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

Name of the ingredient(s) given on the warning label

Poly(oxy-1,2-ethanediyl), α -phosphono, ω -hydroxy-, (C₁₀-C₁₄)-alkyl ethers, potassium salts.

2.3 Other hazards

This mixture does not fulfil the criteria for the classification as a PBT resp. a vPvB.

SECTION 3 Composition/information on ingredients

3.1 Substances

This product is a mixture.

3.2 Mixtures

Aqueous solution of surfactants with additives.

Hazardous ingredients

(C₁₂-C₁₄)-alcohols, ethoxylated

EC No 500-213-3 CAS No 68439-50-9

Content 5 - < 10 %

Classification codes Eye Irrit. 2, H319 – Aquatic Acute 1, H400 (M=1) – Aquatic Chronic 3; H412

(C₁₂-C₁₄)-alcohols, ethoxylated (1 – 2.5 moles EO), sulfates, sodium salts

EC No 500-234-8 CAS No 68891-38-3 registration number 01-2119488639-16

Content 4 - < 5 %

Classification codes Skin Irrit. 2; H315 – Eye Dam. 1; H318 – Aquatic Chronic 3; H412

Poly(oxy-1,2-ethanediyl), α -phosphono, ω -hydroxy-, (C₁₀-C₁₄)-alkyl ethers, potassium salts

EC No - CAS No 125301-87-3

Content 1 - < 2 %

Classification codes Skin Sens. 1; H317 – Eye Dam. 1; H318

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(C₁₀-C₁₆)-alkyl polyglycoside

EC No 600-975-8 CAS No 110615-47-9 registration number 01-2119489418-23

Content 1 – < 3 %

Classification codes Skin Irrit. 2; H315 – Eye Dam. 1; H318

The wording of the classification codes can be found in section 16.

SECTION 4 First aid measures

4.1 Description of first aid measures

General advice	Remove immediately contaminated clothes. In case of health disorder seek medical advice
If inhaled	Fresh air, in case of indisposition consult a physician.
Skin contact	Take off contaminated clothing, wash off affected skin with plenty of water; in case of indisposition consult a physician.
Eye contact	Spreading immediately the eyelids rinse thoroughly under running water, see an eye specialist.
If swallowed	Make the person rinse out the mouth and drink water, because of the risk of suffocation by inhalation of foam do not allow to vomit, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

The product does not burn, if evaporated water will be substituted.

Unsuitable extinguishing media

Not applicable.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition to carbon monoxide and organic cracked products.

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5.3 Advice for firefighters

Tightly closing fireproof clothing and oxygen apparatus.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not take any action that involves personal risk or has not been adequately trained. Evacuate the surrounding area. Deny access to non-essential and unprotected personnel. Do not walk on spilled substance – risk of slipping. Ensure sufficient ventilation. In case of insufficient ventilation wear a respiratory protective equipment. Put on suitable personal protective equipment.

6.2 Environmental precautions

Avoid dispersal and run-off of released material and contact with soil, water bodies, drains and sewers. Inform the responsible authorities, if the product has polluted the environment (sewage systems, surface waters, ground or air).

6.3 Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Remove the containers from the area of spillage. Do not allow the product to enter waters. Locate spilled product with binding agents and dispose in suitable containers according to local regulations. Dilute residues with water and wipe up.

6.4 Reference to other sections

Observe protection measures according to sections 7, 8 and 13.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Keep container tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

Cool endangered containers with sprinkling water. Keep away from concentrated mineral acids and strong oxidizing agents. Close opened containers carefully and store uprightly to prevent spilling.

7.3 Specific end use(s)

No data available.

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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

The product does not contain any substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with the skin and the eyes, when using do not eat, drink or smoke.

Personal protective equipment

Respiratory protection Not required.

Hand protection Not required for intended use.

Eye protection Wear protective goggles when removing from the canister.

Body Protection With product withdrawal from the container light protective clothing of plastic or rubber is recommended.

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not allow the product to enter waters. Discharge into the environment must be avoided.

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Aggregate state	liquid	Colour	whitish	Odour	perfumed
Melting point/melting range				Not available.	
Initial boiling point/boiling range			from 100	°C	
Flash point				No	(see section 5)
pH (concentrate)		(T = 25 °C)		Not available.	
Flammability				Not applicable.	
Ignition temperature				Not applicable.	
Auto-flammability				Not applicable.	
Oxidising properties				Not applicable.	
Explosive properties				Not applicable.	
Explosion limits		lower		Not applicable.	
		upper		Not applicable.	
Density		(T = 24 °C)		Not available.	
Water solubility		(T = 20 °C)		Soluble in any ratio.	

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Mitglied in der
Beratungsstelle
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Vapour pressure	(T = 20 °C)	Not available.
Vapour density (air = 1)		Not available.
Partition coefficient (n-octanol/water)		Not available.
Viscosity	(T = 20 °C)	Not available.
Separation of solvents		Not applicable.
Content of solvents	< 1	%
Evaporation rate		Not available.

9.2 Other information

Further physico-chemical data were not determined.

SECTION 10 Stability and reactivity

10.1 Reactivity

There are no special data of reactivity for this product or its ingredients.

10.2 Chemical stability

The product is stable.

10.3 Possibility of hazardous reactions

No dangerous reactions occur under normal conditions of storage and during proper use.

10.4 Conditions to avoid

See section 7 "Handling and storage".

10.5 Incompatible materials

Concentrated mineral acids and strong oxidising agents.

10.6 Hazardous decomposition products

In case of fire only, see section 5.2.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

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Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

Additional information

No data available.

SECTION 12 Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

The surfactants contained in this product fulfil the conditions of the biodegradability, as they are determined in the Regulation (EC) No. 648/2004 about detergents.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

According to the available statements the criteria are not fulfilled for the classification as a PBT resp. vPvB.

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12.6 Other adverse effects

Spilling product harms waters by high consumption of oxygen and general pollution impact. The product does not contain any additives of organically bonded halogen compounds (AOX), nitrates and heavy metal compounds.

SECTION 13 Disposal considerations

13.1 Waste treatment methods

Dangerous waste according to the European waste catalogue (2008/98/EC). If recycling is not possible, wastes must be eliminated according to the provisions of the local authorities. Do not dispose by the sewage.

EU waste codes

20 01 29* Detergents containing dangerous substances.

15 01 10* Packaging containing residues of or contaminated by dangerous substances.

SECTION 14 Transport information

14.1 UN number

Not applicable.

14.2 Proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

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SECTION 15 Regulatory information

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

Regulations of the EU

Denomination in Annex I of the Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances
Not applicable.

Regulation (EU) No 528/2012 for the marketing of biocidal products
Not applicable.

Regulation (EC) No 648/2004 (Regulation concerning detergents)
The surfactants contained in this product fulfil the conditions of the biodegradability, as they are determined in the Regulation (EC) No. 648/2004 about detergents.

Directive 1999/13/EC for the limitation of emissions of volatile organic compounds
Not applicable.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding
Applicable.

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
Not applicable.

Directive 94/33/EC on the protection of young people at work
Applicable.

German regulations

Technical instructions on maintaining air purity Not applicable.
(TA Luft)

Water hazard class WGK 1 (slightly hazardous to water)

Storage class according to TRGS 510 LGK 12 (non-combustible liquids)

Other regulations, restrictions and prohibition ordinances

Observe the information sheet M 004 of the Employers' Liability Insurance Association for Raw Materials and Chemical Industry and TRGS 540.

15.2 Chemical safety assessment

This mixture was not subject to a safety assessment.

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SECTION 16 Other information

The wording of the classification codes of section 3

Skin Irrit. 2; H315	Skin corrosion/irritation, Hazard Category 2; Causes skin irritation.
Skin Sens. 1; H317	Sensitisation – Skin, Hazard Category 1; May cause an allergic skin reaction.
Eye Dam. 1; H318	Serious eye damage/eye irritation, Hazard Category 1; Causes serious eye damage.
Aquatic Acute 1; H400	Hazardous to the aquatic environment – Acute Hazard, Category 1; Very toxic to aquatic life.
Aquatic Chronic 1, H410	Hazardous to the aquatic environment – Chronic Hazard, Category 1; Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 3; H412	Hazardous to the aquatic environment – Chronic Hazard, Category 3; Harmful to aquatic life with long lasting effects.

Classification and methods used to derive the classification of the mixture according to Regulation (EC) 1272/2008 (CLP)

Classification	Assessment method used
Skin Sens. 1; H317	Classification according to calculation procedure
Eye Irrit. 2; H319	Classification according to calculation procedure

Notes

This safety data sheet is developed on basis of the valid EU regulations and German regulations. It shows the present state of the knowledge and is no contractual warranty of quality properties of the product.

Abbreviations

LGK	Storage class.
PBT	Persistent, bioaccumulative and toxic.
TRGS	Technical regulation for dangerous substances.
vPvB	Very persistent and very bioaccumulative.
WGK	Water hazard class.

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