

Product composition and safety sheet

1. Product identification

Supplier Name:	Polyco Healthline Ltd.
Supplier Address:	South Fen Road, Bourne, Lincolnshire, PE10 0DN, UK.
Product Brand:	Shield
Product Description:	Industrial scrub wipes
Product Code:	SIHW
Contact Details:	+44 (0) 33 3320 8550

2. Hazard identification

Classification under CLP: This product has no classification under CLP.

Adverse physicochemical,
human health and
environmental effects: No additional information available.

Labelling according to
Regulation (EC)
No. 1272/2008: No labelling applicable.

Other hazards: None under normal conditions.

3. Composition

Name	CAS Number	%	Classification
Propan-2-ol	67-63-0	1-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

Full text H-statements: see section 16.

4. First aid measures

Skin contact: Get medical advice / attention if you feel unwell. If medical advice is needed, have product container of label to hand.

Eye contact: Rinse cautiously with water several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice / attention.

Ingestion:	As the substrate is a wipe, material ingestion is highly unlikely but, in the event, do not induce vomiting and wash mouth out with water. Get medical advice / attention.
Inhalation:	Move to fresh air in case of accidental inhalation of vapours and keep comfortable for breathing.
Symptoms / effects after inhalation:	There may be irritation of the throat with a feeling of tightness in the chest and cough.
Symptoms / effects after skin contact:	May cause an allergic skin reaction.
Symptoms / effects after eye contact:	May cause irritation, redness, itching and tears.
Symptoms / effects after ingestion:	Ingestion is not considered a potential route of exposure. May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

5. Fire-fighting measures

Extinguishing media:	Suitable extinguishing media for the surrounding fire.
Fire Hazard:	The product is not flammable. In accordance with EU Directive 1272/2008/EC this product with not sustain combustion and is not regarded as requiring a flammable warning.
Explosion hazard:	Product is not explosive.
Reactivity in case of fire:	None known.
Hazardous decomposition products in case of fire:	Toxic fumes may be released.
Advice for fire-fighters:	Precautionary measures – No special measures required. Firefighting instructions – Use extinguishing medica appropriate for surrounding fire. Protection during firefighting – Do not attempt to act without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. Accidental release measures

General Measures: Ensure adequate ventilation. Avoid contact with skin and eyes.

Non-emergency personnel

Protective Equipment: Not required for normal conditions of use.

Emergency procedures: Ventilate spillage area.

For emergency responders

Protective Equipment: Not required for normal conditions of use.

Emergency procedures: Ventilate area.

Avoid release to the environment.

Methods of cleaning up: Pick up solid material. Place in a suitable container for disposal in accordance with the waste regulations. (See section 13).
Wash the spillage site with large amounts of water.

Other information: Dispose in a safe manner in accordance with local / national regulations.

For further information refer to section 8 (Exposure controls / personal protection).

For disposal of solid materials or residue refer to section 13 (disposal considerations).

7. Handling and storage

Handling requirements: Ensure there is adequate ventilation. Avoid contact with eyes. Smoking is forbidden.

Hygiene measures: Not applicable.

Storage conditions: Store in a well-ventilated place. Keep cool. Keep container closed when not in use.

Incompatible materials: Strong acids. Strong oxidizing agents.

Storage area: Store in a well-ventilated place.

Specific end use(s): Washing and cleaning products (including solvent-based products).

8. Exposure controls / personal protection

Propan-2-ol (67-63-0)	
United Kingdom – occupational exposure limits	
Local name	Propan-2-ol
WEL TWA (mg/m ³)	999 mg/m ³
WEL TWA (ppm)	400 ppm
WEL STEL (mg/m ³)	1250 mg/m ³
WEL STEL (ppm)	500 ppm
Regulatory reference	EH40. HSE

Engineering controls:	Ensure adequate ventilation.
Personal protective equipment:	Not required for normal conditions of use.
Respiratory protection:	Not required for normal conditions of use.
Hand protection:	Not required for normal conditions of use.
Eye protection:	Not required for normal conditions of use.
Skin & Body protection:	Not required for normal conditions of use.
Materials for protective clothing:	Not required for normal conditions of use.
Environmental:	Avoid release to the environment.

9. Physical and chemical properties

State:	Solid.
Colour:	White.
Odour:	Sweet smelling.
Odour threshold:	No data available.
pH:	No data available.
Evaporation rate:	No data available.
Melting point:	No data available.
Freezing point:	Not applicable.
Boiling point:	No data available.
Flashpoint:	41°C
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Flammability solid, gas):	Non-flammable.

Vapour pressure:	Not available.
Relative vapour density at 20°C:	No data available.
Relative density:	No data available.
Solubility:	Insoluble.
Partition coefficient n-octanol/water (Log Know):	No data available.
Viscosity, kinematic:	No data available.
Viscosity, dynamic:	No data available.
Explosive properties:	Product is not explosive.
Oxidising properties:	Non-oxidising.
Explosive limits:	Not applicable.
Other information:	In accordance with EU Directive 1272/2008/EC this product will not sustain combustion and is not regarded as requiring a flammable warning.

10. Stability and reactivity

Reactivity:	This product is non-reactive under normal conditions of use, storage, and transport.
Chemical stability:	Stable under normal conditions.
Hazardous reactions:	No dangerous reactions known under normal conditions of use.
Conditions to avoid:	Heat.
Incompatible materials:	Strong acids. Strong oxidising agents.
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Acute toxicity (Oral):	Not classified.
Acute toxicity (Dermal):	Not classified.
Acute toxicity (Inhalation):	Not classified.

Propan-2-ol (67-63-0)	
LD50 oral rat	5045 mg/kg
LD50 oral	3600 mg/kg
LD50 dermal	12800
LC50 Inhalation – Rat (Dust/Mist)	46600

Skin corrosion/irritation: Not classified.
pH: No data available.

Serious eye damage/irritation: Not classified.
pH: No data available

Respiratory or skin sensitisation: Not classified.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

STOT-Single exposure: Not classified.

STOT-Repeated exposure: Not classified.

Aspiration hazard: Not classified.

12. Ecological information

Ecology – general: This product is not considered harmful to aquatic organisms nor to cause long term adverse effects in the environment.

Ecology – water: No data available on ecotoxicity.

Hazardous to the aquatic environment, short-term (Acute): Not classified.

Hazardous to the aquatic environment, Long-term (Chronic): Not classified.

Propan-2-ol (67-63-0)	
LC50 - fish (1)	9640 mg/l
LD50 – other aquatic organisms (1)	13299 mg/l waterflea
LC50 – other aquatic organisms (2)	>1000 mg/l

Persistence and degradability:	The substance is readily biodegradable. The surfactant(s) contained in this product complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.
Bioaccumulative potential:	No data available.
Partition coefficient n-octanol/water (Log Pow):	0.05
Ecology – soil -	No data available.
PBT / vPvB assessment:	No additional information available.
Other adverse effects:	No additional information available.
Additional information:	Avoid release to the environment.

13. Disposal considerations

Regional legislation (waste):	Disposal must be done according to official regulations.
Waste treatment methods:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/packaging disposal:	Dispose in a safe manner in accordance with local/national regulations.
Ecology – waste materials:	Avoid release to the environment.

14. Transport information

UN Number

UN Number (ADR):	Not Applicable.
UN Number (IMDG):	Not Applicable.
UN Number (IATA):	Not Applicable.
UN Number (ADN):	Not Applicable.
UN Number (RID):	Not Applicable.

UN Proper Shipping Name

ADR:	Not Applicable.
IMDG:	Not Applicable.
IATA:	Not Applicable.
ADN:	Not Applicable.

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RID: Not Applicable.

Transport Hazard Class

ADR: Not Applicable.

IMDG: Not Applicable.

IATA: Not Applicable.

ADN: Not Applicable.

RID: Not Applicable.

Packing Group

ADR: Not Applicable.

IMDG: Not Applicable.

IATA: Not Applicable.

ADN: Not Applicable.

RID: Not Applicable.

Environmental Hazards

Dangerous for the environment: No

Marine Pollutant: No

Other information: No supplementary information available.

Special precautions for user

Overland transport: Not applicable.

Transport by sea: Not applicable.

Air transport: Not applicable.

Inland waterway transport: Not applicable.

Rail transport: Not applicable

15. Chemical safety assessment

EU Regulations:	Contains no REACH substances with Annex VXII restrictions. Contain no substance on the REACH candidate list. Contains no REACH Annex XIV substances. Contains no substances subject to Regulation (EU) No 649/2021 of the European parliament and of the councils of 4 July 2021 concerning the export and import of hazardous chemicals. Contains no substance subject to Regulation (EC) No 2019/1021 of the European parliament and of the council of 20 June 2019 on persistent organic pollutants.
National regulations:	This substance / mixture is classified in line with EU Cosmetics Regulations 1223 / 2009.

No chemical safety assessment has been carried out.

16. Other information

Full text of H- and EUH statements	
Eye Irrit. 2	Serious eye damage / eye irritation, category 2.
Flam Liq. 2	Flammable liquids. Category 2.
STOT SE 3	Specific target organ toxicity – single exposure, category 3, narcosis.
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

The data contained in this data sheet is based on Polyco Healthline Ltd.'s present knowledge of the health and safety properties of the product and has been reproduced from the supplier's data; it is believed to be accurate and is given in good faith.

The physical and chemical properties are typical values only and do not constitute the full specification of the product, which will be agreed separately.

Although the information and recommendations in this data sheet are to the best of Polyco Healthline Ltd.'s knowledge correct, it is recommended that the customer makes their own determination of the material's suitability for purpose, before it is used.

Polyco Healthline Ltd gives no warranty expressed or implied, with respect to such information and assumes no liability resulting from its use or to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded, except to the extent that law prevents such exclusion.