

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:	Hand and body wipe
Product Code:	CHW
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 requirements: No labelling applicable.

PBT: This product is not identified as a PBT/vPvP substance.

To our knowledge, this product does not present any particular risk, provided it is handles in accordance with good occupational hygiene and safety practice.

3. Composition

Name	CAS Number	%	Classification
Monopropylene Glycol	57-55-6	1 – 10%	Not classified

4. First aid measures

Skin contact: Wash with plenty of water.

Eye contact: Rinse eyes with waster as a precaution.

Ingestion: Call a poison centre of a doctor if you feel unwell.

Inhalation: Remove the person to fresh air and keep comfortable for breathing.

Symptoms / effects after inhalation: May cause respiratory irritation.

Symptoms / effects after skin contact: May cause slight irritation to the skin.

Symptoms / effects after eye contact: May cause slight irritation.

Symptoms / effects after ingestion: May cause irritation to the digestive tract.

Immediate / special treatment: Treat symptomatically.

5. Fire-fighting measures

Extinguishing media: Suitable extinguishing media appropriate for surrounding fire.

Hazardous decomposition products in case of fire: Toxic fumes may be released.

Protection during firefighting: Do not attempt to act without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. Accidental release measures

Non-emergency personnel

Emergency procedures: Ventilate spillage area.

For emergency responders

Protective Equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8.

Avoid release to the environment.

Methods of cleaning up: Mechanically recover the product.

Other information: Dispose of materials of solid residues at an authorised site.

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

7. Handling and storage

- Handling requirements: Ensure good ventilation of the workstation. Wear personal protective equipment.
- Hygiene measures: Do not eat, drink, or smoke when using this product. Always wash hands after handling the product.
- Storage conditions: Store in a well-ventilated place. Keep cool.
- Specific end use(s): No additional information available.

8. Exposure controls / personal protection

Monopropylene Glycol (57-55-6)	
United Kingdom – occupational exposure limits	
Local name	Propane-1, 2-diol
WEL TWA (OEL TWA) (1)	10 mg/m ³ particles 474 mg/m ³ total vapour and particulates.
WEL TWA (OEL TWA) (2)	150 ppm total vapour and particulates.
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

- Monitoring procedures: No additional information available.
- Air contaminants formed: No additional information available.
- DNEL / PNEC: No additional information available.
- Control banding: No additional information available.
- Engineering controls: Ensure adequate ventilation of the workstation.
- Respiratory protection: Not required for normal conditions of use.
- Hand protection: Protective gloves. Not required for normal conditions of use.
- Eye protection: Safety glasses. Not required for normal conditions of use.
- Skin & Body protection: Wear suitable protective clothing. Not required for normal conditions of use.
- Thermal hazards: No additional information available.
- Environmental: Avoid release to the environment.

9. Physical and chemical properties

- State: Solid.
- Appearance: Wipes, non-woven.
- Colour: Various.
- Odour: Pleasant.

Odour threshold:	No data available.
pH:	5.0-6.0.
Evaporation rate:	No data available.
Melting point:	Not applicable.
Freezing point:	Not applicable.
Boiling point:	No data available.
Flash point:	Not applicable.
Auto-ignition temperature:	Not applicable.
Decomposition temperature:	No data available.
Flammability:	Non-flammable
Vapour pressure:	No data available..
Vapour pressure at 20°C:	Not applicable.
Relative density:	Not applicable.
Solubility:	No data available.
Partition coefficient n-octanol/water (Log Pow):	No data available.
Viscosity, kinematic:	Not applicable.
Viscosity, dynamic:	No data available.
Explosive properties:	Product is not explosive.
Oxidising properties:	Does not meet the criteria for classification as oxidising.
Explosive limits:	Not applicable.

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:	None under recommended storage and handling conditions (see section 7).
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.

Monopropylene Glycol (57-55-6)	
LD50 oral rat	20000 mg/kg
LD50 oral	22000 mg/kg
LD50 dermal rabbit	>2000 mg/kg bodyweight, animal: rabbit.
LD50 dermal	20800 mg/kg
LC50 Inhalation – Rat	>44.9 mg/l air animal: rat, guideline: other: remarks on results: other.

Skin corrosion/irritation: Not classified.
pH: 5.0-6.0

Serious eye damage/irritation: Not classified.
pH: 5.0-6.0

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.

Monopropylene Glycol (57-55-6)	
NOAEL (subchronic, oral, animal/male, 90 days)	443 mg/kg bodyweight, animal: cat, animal sex: male.

Aspiration hazard: Not classified.

Viscosity, Kinematic: Not applicable.

12. Ecological information

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

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

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

Monopropylene Glycol (57-55-6)	
LD50 - fish (1)	40613 mg/l
LD50 - fish (2)	51400 mg/l Test organisms (species): Pimephales promelas
EC50 72h – Algae (1)	24200 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum).
EC50 72h – Algae (2)	19300 mg/l Test organisms (species): Skeletonema costatum.
EC50 96h – Algae (1)	1900 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum).
EC50 96h – Algae (2)	19100 mg/l Test organisms (species): Skeletonema costatum.

Persistence and degradability: No additional information available.

Bioaccumulative potential: No additional information available.

Mobility in soil: No additional information available.

PBT / vPvB assessment: No additional information available.

Other adverse effects: No additional information available.

13. Disposal considerations

Regional legislation (waste): Disposal must be done according to official regulations.

Product/packaging disposal: Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

UN Number

UN Number (ADR): Not Applicable.

UN Number (IMDG): Not Applicable.

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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.

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.

Contains no substance subject to regulation (EU) No 1005/2009 of the European parliament and of the council of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EC) No 2019/1148 of the European parliament and of the council of 20 June 2019 on marketing and use of explosives precursors.

Allergic Fragrances: Citronellol
Linalool
Coumarin

Contains no substance subject to Regulation (EC) 273/2004 of the European parliament and of the council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

National regulations: No additional information available.

No chemical safety assessment has been carried out.

16. Other information

Other information: This document is prepared in accordance with Commission Regulation (EU) No 453/2010. This document is prepared in accordance with Commission Regulation (EC) No 1272/2008.

Abbreviations and acronyms:

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE - Acute Toxicity Estimate
BCF - Bioconcentration factor
BLV - Biological limit value
BOD - Biochemical oxygen demand (BOD)
COD - Chemical oxygen demand (COD)
DMEL - Derived Minimal Effect level
DNEL - Derived-No Effect Level
EC-NO - European Community number
EC50 - Median effective concentration
EN - European Standard
IARC - International Agency for Research on Cancer
IATA - International Air Transport Association
IMDG - International Maritime Dangerous Goods
LC50 - Median lethal concentration
LD50 - Median lethal dose
LOAEL - Lowest Observed Adverse Effect Level
NOAEC - No-Observed Adverse Effect Concentration
NOAEL - No-Observed Adverse Effect Level
NOEC - No-Observed Effect Concentration
OECD - Organisation for Economic Co-operation and Development
OEL - Occupational Exposure Limit
PBT - Persistent Bioaccumulative Toxic
PNEC - Predicted No-Effect Concentration
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS - Safety Data Sheet
STP - Sewage treatment plant
ThOD - Theoretical oxygen demand (ThOD)
TLM - Median Tolerance Limit
VOC - Volatile Organic Compounds
CAS-No - Chemical Abstract Service number
N.O.S - Not Otherwise Specified
VPvB - Very Persistent and Very Bioaccumulative
ED - Endocrine disrupting proper

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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.

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