

## Product composition and safety sheet

### 1. Product identification

<b>Supplier Name:</b>	Polyco Healthline Ltd.
<b>Supplier Address:</b>	South Fen Road, Bourne, Lincolnshire, PE10 0DN, UK.
<b>Product Brand:</b>	Shield
<b>Product Description:</b>	80 – 90% Alcohol sanitising hand and surface wipes
<b>Product Code:</b>	ISW
<b>Contact Details:</b>	+44 (0) 33 3320 8550

### 2. Hazard identification

Classification under CLP: Flammable Liq. 2: H225

Most important adverse effects: Highly flammable liquid and vapour.

Hazard statements: H225: Highly flammable liquid and vapour

Hazard pictograms:



GHS02

Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.  
P233: Keep container tightly closed.  
P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P370+378: In case of fire: Use dry powder, CO<sub>2</sub>, Foam or water spray to extinguish.  
P403+235: Store in a well-ventilated place and keep cool.  
P501: Dispose of contents / container to hazardous or special waste collection points.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

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

### 3. Composition

Chemical Name	CAS Number	EINECS	PBT/WEL	CLP Classification	Percent
Ethanol	64-17-5	200-578-6	Substance with a community workplace exposure limit.	Flam. Liq. 2: H225	80-90%

### 4. First aid measures

Skin contact:	Wash immediately with plenty of soap and water.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.
Most important symptoms and effect, both acute and delayed:	Inhalation: Exposure may cause coughing or wheezing. Drowsiness or mental confusion may occur.  Skin contact: There may be mild irritation at the site of contact.  Eye contact: There may be irritation and redness.  Ingestion: There may be irritation of the throat. The casualty may appear intoxicated.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.
Immediate / special treatment:	Not Applicable.

### 5. Fire-fighting measures

Extinguishing media:	Alcohol-resistant foam. Water spray, Carbon dioxide. Dry chemical powder.
Explosion Hazard:	Highly flammable. In combustion emits toxic fumes. Forms explosive air vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.
Advice for fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. Accidental release measures

- Personal precautions: Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. Turn leaking containers leak side to prevent the escape of liquid.
- Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.
- Clean-up procedures: Do not use equipment in clean up procedure which may produce sparks. Absorb into dry earth or sand. Clean up should be dealt with only by qualified personnel familiar with the specific substance.
- Reference to other sections: Refer to section 8 of this document.

## 7. Handling and storage

- Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden. Do not handle in a confined space and avoid the formation or spread of mists in the air.
- Storage conditions: Store in a cool, well-ventilated area. Keep container tightly closed. Keep away from sources of ignition. Ensure lighting and electrical equipment are not a source of ignition.
- Specific end use(s): No data available.

## 8. Exposure controls / personal protection

- Hazardous ingredients: Ethanol
- Workplace exposure limits: Respirable dust

State	8-hour TWA	15 min. STEL	8-hour TWA	15 min. STEL
UK	1920 mg/m <sup>3</sup>	-	-	-

- DNEL / PNEC: No additional information available
- Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
- Respiratory protection: Respiratory protection not required.
- Hand protection: Protective gloves.
- Eye protection: Safety glasses. Ensure eye bath is to hand.
- Skin protection: Wear suitable protective clothing.

## 9. Physical and chemical properties

State:	Solid.
Colour:	Colourless.
Odour:	Alcoholic.
Evaporation rate:	Fast.
Oxidising:	No data available.
Solubility in water:	Soluble.
Viscosity:	Non-viscous.
Boiling point/range °C:	>35
Melting point/range °C:	<0
Flammability limits %:	Lower: 3.5
Flammability limits %:	Upper: 15.0
Flash point °C:	14
Auto flammability °C:	>200
Relative density:	0.860.
VOC g/l:	No data available.
Part. Coeff. n-octanol/water:	No data available.
Vapour pressure:	No data available.
pH:	Not applicable.
Other information:	No data available.

## 10. Stability and reactivity

Reactivity:	Stable under recommended transport and storage conditions.
Chemical stability:	Stable under normal conditions. Stable at room temperature.
Hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions of materials listed below.
Conditions to avoid:	Heat, hot surfaces, sources of ignition. Flames.
Materials to avoid:	Strong oxidising agents. Strong acids.
Hazardous decomposition products:	In combustion emits toxic fumes.

## 11. Toxicological information

Hazardous ingredients: Ethanol

Dermal	RBT	LD50	>2000	mg/kg
Oral	MUS	1H LC50	>20	mg/kg
Oral	RAT	LD50	>2000	mg/kg

Toxicity values: No data available.

Symptoms / routes  
of exposure:

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat. The casualty may appear intoxicated.

Inhalation: Exposure may cause coughing or wheezing. Drowsiness or mental confusion may occur.

## 12. Ecological information

Toxicity:

Hazardous ingredients: ETHANOL

ALGAE	48 H EC50	>100	mg/l
Daphnia magna	48H EC50	>100	mg/l
FISH	96H LC50	>100	mg/l

Persistence and  
degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Mobility: Volatile. Soluble in water. Readily absorbed into soil.

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

Other adverse effects: Negligible ecotoxicity.

## 13. Disposal considerations

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposable company.

Note: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Document Reference: PH-COM-143  
Document Issue Number: 03  
Document Issue Date: 24/09/2024  
Page 6 of 7

#### 14. Transport information

UN Number: UN1170  
UN Proper shipping name: Ethanol Solution (Ethyl Alcohol Solution) Shield 70% Alcohol wet wipe.  
Transports hazard class: 3  
Packing group: II  
Environmentally hazardous: Yes  
Marine Pollutant: Yes  
Special precautions: Limited Quantity – 1 Litre/kilo  
Tunnel Code: D/E  
Transport category: 2

#### 15. Chemical safety assessment

Specific regulations: Not applicable.  
Chemical safety assessment: No chemical safety assessment has been carried out for this substance or the mixture by the supplier.

#### 16. Other information

Other information: This safety data sheet is prepared in accordance with commission regulation (EU) No 2015/830.  
Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

Document Reference: PH-COM-143  
Document Issue Number: 03  
Document Issue Date: 24/09/2024  
Page 7 of 7



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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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