

**SAFETY DATA SHEET**

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

1.1 Product identifier

- Product Name: PICS Stonestop

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

- For use as a gravel binder
- No uses advised against. Use only as instructed.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: PICS Ltd
- Address of Supplier: Unit 4  
 Red Shute Hill Ind Estate  
 Hermitage  
 Newbury  
 Berkshire  
 RG18 9QL  
 UK
- Telephone: +44 (0) 1635 202224
- Email: Info@picsuk.com

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1635 202224  
 (office hours only Mon– Fri 08:00 – 17:30)

**SECTION 2: Hazards identification**

2.1 Classification of the substance or mixture

- Classification according to the CLP Regulation (EC) No 1272/2008 and the retained CLP Regulations (EU) No 1272/2008, as amended for Great Britain:
- Non classified

2.2 Label elements

- No mandated label elements

2.3 Other hazards

- Contains no components known to be PBT or vPvB or to have endocrine disrupting properties.

**SECTION 3: Composition**

3.1 Substances

- Not applicable, product is a mixture

3.2 Mixtures

Name	CAS/EC/Index number	Classification	% w/w
Benzyl alcohol	EC 202-859-9 CAS 100-51-6	Acute Tox 4, H302 Acute Tox 4, H332 Eye Irrit 2, H319	< 6
2-(2-butoxyethoxy) ethanol	EC 203-961-6 CAS 112-34-5	Eye Irrit 2, H304	< 4
Distillates (petroleum), solvent-dewaxed light paraffinic	EC 265-159-2 CAS 64742-56-9	Asp. Tox. 1, H304	< 5
Water based polymers and emulsifiers		Non-hazardous	To 100

See section 16 for full list of H statements.

**SECTION 4: First aid measures**

## 4.1 Description of first aid measures

- EYE CONTACT: Flush thoroughly with water, including under eyelids for several minutes. Obtain medical attention if continued signs of discomfort.
- INHALATION: Remove from exposure. If breathing becomes difficult get immediate medical attention.
- SKIN CONTACT: Wash off with soap and water. Seek medical attention if irritation or rash occurs.
- INGESTION: If swallowed, rinse mouth with water and obtain medical attention.

## 4.2 Most important symptoms and effects, both acute and delayed

- Not expected to cause any serious adverse effects. Unintended exposures may result in redness of skin and eyes, sore throat if ingested or if spray inhaled.

## 4.3 Indication of any immediate medical attention and special treatment needed

- Symptomatic treatment as required
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**SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

Suitable extinguishing media:

- Water spray, foam, powders, carbon dioxide

Unsuitable extinguishing media:

- Water jet.

## 5.2 Special hazards arising from the substance or mixture

- Containers involved in a fire may become pressurised and burst.
- Unlikely to support combustion.
- Prevent fire-fighting water from entering drains and watercourses.

## 5.3 Advice for firefighters

- Fire Fighters should wear protective clothing and positive pressure self-contained breathing apparatus as appropriate.
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**SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate unnecessary personnel. Ensure adequate ventilation. Do not breathe mists or vapours, use respiratory protection if ventilation is inadequate. Use eye protection (goggles recommended) and gloves (see section 8). Spillage area may be very slippery.

## 6.2 Environmental precautions

- Prevent entry into sewers and watercourses.

## 6.3 Methods and material for containment and cleaning up

- Absorb liquid onto sand, earth or other suitable absorbent material. Collect into a suitable labelled container for disposal. Wash spill area thoroughly with water and detergent to remove residues. Prevent washings from entering water courses.

## 6.4 Reference to other sections

- See section 8 and 13 for further advice
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**SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

- Ensure adequate ventilation. Do not breathe vapours or mists. Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## 7.2 Conditions for safe storage, including any incompatibilities

- Store in its original labelled container in a cool, dry, well ventilated area. Not to be stored next to foodstuffs and water supplied. Keep out reach of children and animals.

### 7.3 Specific end use(s)

- No special precautions. Use only as directed in accordance with the label.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- No occupational exposure limits identified.

### 8.2 Exposure controls

- Engineering controls: None usually required for handling outside. Indoors, ensure adequate ventilation, especially in confined areas. Ensure good level of basic ventilation with at least 1-3 air exchanges per hour.
- Respiratory protection: None usually required unless ventilation rate is not possible to achieve. In case of insufficient ventilation: respirator with a vapour filter (EN 141). Recommended Filter Type A-P2.
- Hand protection: In case of contact, wear gloves. Butyl or nitrile rubber may be suitable (breakthrough time > 480 min), however, glove manufactures recommendations should always be consulted.
- Eye protection: Safety glasses with side protection recommended.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

a) Physical state:	Liquid
b) Colour:	Milky white emulsion
c) Odour:	Characteristic
d) Melting point:	As for water, ca 0°C
e) Boiling point:	As for water. ca 100°C
f) Flammability:	Will not support combustion
g) Upper/lower flammability limits:	No data available
h) Flashpoint:	≥ 99°C
i) Autoignition temperature:	Will not support combustion
j) Decomposition temperature:	No data available
k) pH:	Neutral
l) Viscosity, dynamic:	As for water
m) Solubility:	Soluble in various organic solvents Dispersion in water
n) Partition coefficient (log Kow):	No data available No components considered potentially accumulative
o) Vapour Pressure:	As for water
p) Density and/or relative density:	Approximately 1 at 20°C
q) Relative vapour density:	No data available
r) Particle characteristics:	Not applicable, product is a liquid.

### 9.2 Other information

- No hazardous physical properties.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- No reactive hazards known

### 10.2 Chemical stability

- Stable under normal conditions.

### 10.3 Possibility of hazardous reaction

- None

### 10.4 Conditions to avoid

- Avoid contact with strong oxidisers, acids and bases.

### 10.5 Incompatible materials

- None under normal conditions of use. On combustion or thermal decomposition: Carbon monoxide (CO), Carbon Dioxide (CO2)

**SECTION 11: Toxicological information**

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

- This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

a) Acute toxicity	Based on available data, the classification criteria are not met.  LD50 (oral, rat) estimated > 2000 mg/kg LD50 (dermal, rat) estimated > 2000 mg/kg
b) Skin corrosion/irritation	Based on available data for the components, the classification criteria are not met.
c) Serious eye damage/irritation	Based on the components, the mixture is potentially irritating to the eye, but not sufficient for classification.
d) Respiratory/skin sensitisation	Based on ingredients, the classification criteria are not met.
e) Germ cell mutagenicity	Based on ingredients, the classification criteria are not met.
f) Carcinogenicity	Based on ingredients, the classification criteria are not met.
g) Reproductive toxicity	Based on ingredients, the classification criteria are not met.
h) STOT – Single exposure	Based on ingredients, the classification criteria are not met.
i) STOT – Repeated exposure	Based on ingredients, the classification criteria are not met.
j) Aspiration hazard	Not applicable. Water emulsion

11.2 Information on other hazards

- No additional information.

**SECTION 12: Ecological information**

12.1 Toxicity

- Based on ingredients, the classification criteria are not met No components classified as hazardous to the environment.

12.2 Persistence and degradability

- Components considered biodegradable and not persistent.

12.3 Bioaccumulative Potential

- None of the components considered potentially accumulative

12.4 Mobility in soil

- Water soluble components likely to be mobile in soil.

12.5 Results of PBT and vPvB assessment:

- None of the components are known to be PBT, PMT, vPvM or vPvB

12.6 Endocrine disrupting properties

- None of the components are known to have endocrine disrupting properties.

12.7 Other adverse effects

- None known.

**SECTION 13: Disposal considerations**

13.1 Waste treatment methods

- Recover and recycle unused product if possible. If recovery and recycling are not possible incinerate or dispose of in accordance with local and national regulations.

**SECTION 14: Transport information**

Not considered to be dangerous goods for transport.

	<b>ADR</b>	<b>IMDG</b>	<b>ICAO</b>
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14.1 UN Number	NONE	NONE	NONE
14.2 UN proper shipping name	NONE	NONE	NONE
14.3 Transport hazard class(es)	NONE	NONE	NONE
14.4 Packing group	NONE	NONE	NONE
14.5 Environmental hazards	NONE	NONE	NONE
14.6 Special precautions for user	NONE	NONE	NONE
14.7 Maritime transport in bulk according to IMO instruments	Not Applicable	Not Applicable	Not Applicable

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**SECTION 15: Regulatory information**

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

- All components are listed as existing substances in Europe

15.2 Chemical Safety Assessment

- A Chemical Safety Assessment has not been carried out for this product.

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**SECTION 16: Other information**

Revision information:

- The mixture has been reassessed and with classification as Eye Irrit 2.
- The SDS formatting is brought up to date

List of abbreviations used in this SDS:

- CAS: Chemical Abstracts Service
- CLP: Classification, Labelling and Packaging Regulation (EC) No 1272/2008
- Ec: European Community/Commission
- PBT: Persistent, Bioaccumulative and Toxic
- PMT: Persistent, mobile, Toxic
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemical Regulation (EC) No 1907/2006
- vPvB: very Persistent, very Bioaccumulative
- vPvM: very Persistent, very toxic

References:

- Source: European Chemicals Agency. <http://echa.europa.eu/>, September 2023

Method used for classification of mixtures:

- Ingredient based approach

H Statements used in Section 3:

- H302: Harmful if swallowed
- H304: May be fatal if swallowed and enters airways
- H319: Causes serious eye irritation
- H332: Harmful if inhaled

Training requirements for workers:

- No special training requirements

--End of Safety Data Sheet--