

# SAFETY DATA SHEET

## Screenwash

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

#### 1.1. Product identifier

Product name                      Screenwash

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

Identified uses                      PC35 Washing and cleaning products

#### 1.3. Details of the supplier of the safety data sheet

Supplier                              HTS Spares Ltd  
 Unit 7 Beacon Road  
 Rotherwas Industrial Estate  
 Hereford  
 Herefordshire  
 HR2 6JF

#### 1.4. Emergency telephone number

Emergency telephone              01432 373350

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards                      Flam. Liq. 3 - H226  
 Health hazards                        Not Classified  
 Environmental hazards              Not Classified

Classification (67/548/EEC or 1999/45/EC)    R10.

**Human health**                        Prolonged skin contact may cause redness, irritation and dry skin. Vapours may irritate the respiratory system and cause coughing, asthmatic breathing and breathlessness. Irritating to eyes.

**Environmental**                        This product does not contain substances which are harmful to aquatic organisms or which may cause long term effects to the aquatic environment

**Physicochemical**                      This product is flammable and burning product will liberate carbon dioxide and possibly carbon monoxide.

#### 2.2. Label elements

##### Pictogram



Signal word                              Warning

Hazard statements                      H226 Flammable liquid and vapour.

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**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P102 Keep out of reach of children.

P501 Dispose of contents/ container in accordance with local regulations.

P301 IF SWALLOWED:

P314 Get medical advice/ attention if you feel unwell.

P271 Use only outdoors or in a well-ventilated area.

**Supplementary precautionary statements** P403+P235 Store in a well-ventilated place. Keep cool.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>PROPAN-2-OL</b>			<b>5-10%</b>
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25	

<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	F;R11 Xi;R36 R67
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

<b>SODIUM HYDROXIDE</b>			<b>&lt;1%</b>
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-27	

<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Met. Corr. 1 - H290	C;R35
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information** Move affected person to fresh air at once.

**Inhalation** Remove person to fresh air and keep comfortable for breathing. Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

**Ingestion** Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention.

**Skin contact** Wash skin thoroughly with soap and water. Remove contaminated clothing and rinse skin thoroughly with water.

**Eye contact** Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

**General information** The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

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

**Notes for the doctor**                      Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media**    Foam. Dry chemicals. Water spray.

#### 5.2. Special hazards arising from the substance or mixture

**Specific hazards**                      Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. The product is flammable.

#### 5.3. Advice for firefighters

**Protective actions during firefighting**                      Use water to keep fire exposed containers cool and disperse vapours. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Use water spray to reduce vapours.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions**                      Provide adequate ventilation. If ventilation is inadequate, suitable respiratory protection must be worn. Avoid inhalation of vapours and contact with skin and eyes.

#### 6.2. Environmental precautions

**Environmental precautions**                      Avoid discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up**                      Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.4. Reference to other sections

**Reference to other sections**                      For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions**                      Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Use good earthing procedures when decanting from container.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions**                      Keep away from oxidising materials, heat and flames. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame.

#### 7.3. Specific end use(s)

**Specific end use(s)**                      The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

## Screenwash

### Occupational exposure limits

#### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

#### SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

**Ingredient comments** WEL = Workplace Exposure Limits

#### PROPAN-2-OL (CAS: 67-63-0)

**DNEL** Industry - Dermal; Long term systemic effects: 888 mg/kg/day  
 Industry - Inhalation; Long term systemic effects: 500 mg/m<sup>3</sup>  
 Consumer - Dermal; Long term systemic effects: 319 mg/kg/day  
 Consumer - Dermal; Long term systemic effects: 26 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 89 mg/m<sup>3</sup>

**PNEC** - Fresh water; 140.9 mg/l  
 - Marine water; 140.9 mg/l  
 - Intermittent release; 140.9 mg/l  
 - Sediment (Freshwater); 552 mg/kg  
 - Sediment (Marinewater); 552 mg/kg  
 - STP; 2251 mg/l  
 - Soil; 28 mg/kg

#### Alcohols, C12-14, ethoxylated (1-2,5 EO), sulphates, sodium salts (CAS: 68891-38-3)

**DNEL** Industry - Dermal; Long term systemic effects: 2750 mg/kg/day  
 Industry - Inhalation; Long term systemic effects: 175 mg/m<sup>3</sup>  
 Consumer - Oral; Long term systemic effects: 15 mg/kg/day  
 Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 52 mg/m<sup>3</sup>

**PNEC** - Fresh water; 0.24 mg/l  
 - Marine water; 0.024 mg/l  
 - Intermittent release; 0.071 mg/l  
 - Sediment; 5.45 mg/kg  
 - Marine water; 0.545 mg/kg  
 - Soil; 0.946 mg/kg  
 - STP; 10 g/L

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

**DNEL** Consumer - Inhalation; Long term local effects: 1 mg/m<sup>3</sup>  
 Industry - Inhalation; Long term local effects: 1 mg/m<sup>3</sup>

### 8.2. Exposure controls

#### **Appropriate engineering controls**

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

#### **Personal protection**

When using do not smoke

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<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.
<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.
<b>Hygiene measures</b>	Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Blue.
<b>Odour</b>	Slight alcoholic.
<b>Flash point</b>	32°C CC (Closed cup).
<b>Relative density</b>	0.969 @ °C
<b>Solubility(ies)</b>	Soluble in water.
<b>Comments</b>	Information given is applicable to the major ingredient.

#### 9.2. Other information

<b>Other information</b>	Not available.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 60 g/l.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Does not decompose when used and stored as recommended.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Oxidising agents. Reducing agents.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Keep away from oxidising materials, heat and flames.
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.
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## Screenwash

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Inhalation</b>	Vapours may irritate throat/respiratory system. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.
<b>Eye contact</b>	Irritating to eyes. Vapour or spray in the eyes may cause irritation and smarting. Repeated exposure may cause chronic eye irritation.
<b>Acute and chronic health hazards</b>	Irritating to eyes.
<b>Route of entry</b>	Inhalation
<b>Target organs</b>	Central nervous system Respiratory system, lungs
<b>Medical symptoms</b>	Arrhythmia (deviation from normal heart beat).

### SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

#### 12.1. Toxicity

**Toxicity** Not available.

#### 12.2. Persistence and degradability

**Persistence and degradability** Not available.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

#### 12.4. Mobility in soil

**Mobility** Not known.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** Not available.

#### 12.6. Other adverse effects

**Other adverse effects** Not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

### SECTION 14: Transport information

**General** Packs of 5L and under are not regulated under the Limited Quantities Provisions.

#### 14.1. UN number

## Screenwash

UN No. (ADR/RID)	1993
UN No. (IMDG)	1993
UN No. (ICAO)	1993

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	FLAMMABLE LIQUID, N.O.S. (PROPAN-2-OL)
Proper shipping name (IMDG)	FLAMMABLE LIQUID, N.O.S. (PROPAN-2-OL)
Proper shipping name (ICAO)	FLAMMABLE LIQUID, N.O.S. (PROPAN-2-OL)
Proper shipping name (ADN)	FLAMMABLE LIQUID, N.O.S. (PROPAN-2-OL)

### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID label	3
IMDG class	3
ICAO class/division	3

#### Transport labels



### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

EmS	F-E, S-D
Emergency Action Code	•3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

## Screenwash

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>EU legislation</b>	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
<b>Guidance</b>	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131. British Aerosol Manufacturers Code of Practice 7th. Edition 1999

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### **SECTION 16: Other information**

<b>Revision comments</b>	Supplemental information added.
<b>Revision date</b>	07/10/2016
<b>Revision</b>	2
<b>SDS number</b>	11597
<b>Risk phrases in full</b>	R10 Flammable. R11 Highly flammable. R36 Irritating to eyes. R67 Vapours may cause drowsiness and dizziness.
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

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