

# Sol-X

## SAFETY DATA SHEET Sol-X Screenwash Concentrate

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name Sol-X Screenwash Concentrate

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

Identified uses Screenwash concentrate

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

Supplier Central Solutions (GB) Ltd  
Askern Industrial Estate  
Moss Road  
Askern  
Doncaster  
DN6 0DD, England  
+44(0)1302 708 895  
email: info@solxsolutions.com  
www.solxsolutions.com

#### 1.4. Emergency telephone number

+44(0)1302 708 895

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (1999/45/EEC) 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.

##### Environment

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

##### Physical and Chemical Hazards

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

#### 2.2. Label elements

##### Risk Phrases

R10 Flammable.

##### Safety Phrases

S2 Keep out of the reach of children.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S51 Use only in well-ventilated areas.

#### 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

**Sol-X Screenwash Concentrate**

|   |   |                                       |
|---|---|---------------------------------------|
| PROPAN-2-OL   |   | 10-30%                                |
| CAS-No.: 67-63-0  | EC No.: 200-661-7                                     | Registration Number: 01-2119457558-25 |
| Classification (EC 1272/2008)<br>Flam. Liq. 2 - H225<br>Eye Irrit. 2 - H319<br>STOT SE 3 - H336 | Classification (67/548/EEC)<br>F;R11<br>Xi;R36<br>R67 |                                       |

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 the exposed person to fresh air at once.

**Inhalation**

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

**Ingestion**

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

**Skin contact**

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

**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****4.3. Indication of any immediate medical attention and special treatment needed****SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media****Extinguishing media**

Foam. Dry chemicals. Water spray.

**5.2. Special hazards arising from the substance or mixture****Unusual Fire & Explosion Hazards**

Fire causes formation of toxic gases. FLAMMABLE.

**5.3. Advice for firefighters****Special Fire Fighting Procedures**

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**

Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Avoid inhalation of vapours and contact with skin and eyes.

**6.2. Environmental precautions**

Avoid discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

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

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Ventilate well. Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Provide ventilation and confine spill. Do not allow runoff to sewer.

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### 6.4. Reference to other sections

#### SECTION 7: HANDLING AND STORAGE

##### 7.1. Precautions for safe handling

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

Flammable/combustible - Keep away from oxidisers, 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)

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

##### 8.1. Control parameters

| Name        | STD | TWA - 8 Hrs |                       | STEL - 15 Min |                        | Notes |
|-------------|-----|-------------|-----------------------|---------------|------------------------|-------|
|             |     |             |                       |               |                        |       |
| PROPAN-2-OL | WEL | 400 ppm     | 999 mg/m <sup>3</sup> | 500 ppm       | 1250 mg/m <sup>3</sup> |       |

WEL = Workplace Exposure Limit.

##### Ingredient Comments

WEL = Workplace Exposure Limits

##### 8.2. Exposure controls

###### Engineering measures

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

###### Respiratory equipment

In case of inadequate ventilation use suitable respirator.

###### Hand protection

For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

###### Eye protection

Use eye protection. Wear approved chemical safety goggles where eye exposure is reasonably probable.

###### Hygiene measures

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.

###### Personal protection

When using do not smoke

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

|                  |                          |
|------------------|--------------------------|
| Appearance       | Clear liquid.            |
| Colour           | Blue.                    |
| Odour            | Slight odour of alcohol. |
| Solubility       | Soluble in water.        |
| Relative density | 0.969                    |
| Flash point (°C) | 32 CC (Closed cup).      |

##### 9.2. Other information

#### SECTION 10: STABILITY AND REACTIVITY

##### 10.1. Reactivity

##### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

## Sol-X Screenwash Concentrate

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid contact with oxidisers or reducing agents.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

In case of fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### **Inhalation**

Vapours may irritate the respiratory system and cause coughing, asthmatic breathing and breathlessness.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

Skin irritation is not anticipated when used normally. Repeated exposure may cause skin dryness or cracking.

#### **Eye contact**

Irritating to eyes. Spray and vapour in the eyes may cause irritation and smarting. Repeated exposure may cause chronic eye irritation.

#### **Health Warnings**

Irritating to eyes.

#### **Route of entry**

Inhalation.

#### **Target Organs**

Central nervous system Respiratory system, lungs

#### **Medical Symptoms**

Arrhythmia, (deviation from normal heart beat).

## SECTION 12: ECOLOGICAL INFORMATION

#### **Ecotoxicity**

Not regarded as dangerous for the environment.

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

## SECTION 14: TRANSPORT INFORMATION

## Sol-X Screenwash Concentrate

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

### 14.1. UN number

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

### 14.2. UN proper shipping name

Proper Shipping Name Flammable Liquid (NOS) Contains Propan-2-ol

### 14.3. Transport hazard class(es)

ADR/RID/ADN Class 3  
ADR/RID/ADN Class Class 3: Flammable liquids.  
ADR Label No. 3  
IMDG Class 3  
ICAO Class/Division 3  
Transport Labels



### 14.4. Packing group

ADR/RID/ADN 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

Tunnel Restriction Code (D)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

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

#### **Uk Regulatory References**

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

#### **Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

#### **Approved Code Of Practice**

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### **Guidance Notes**

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

## Sol-X Screenwash Concentrate

### EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

### National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

### 15.2. Chemical Safety Assessment

#### SECTION 16: OTHER INFORMATION

|                                 |            |
|---------------------------------|------------|
| <b>SDS No.</b>                  | 11072      |
| <b>Safety Data Sheet Status</b> | Approved.  |
| <b>Date</b>                     | 28.11.2013 |

#### Risk Phrases In Full

|     |   |
|-----|---|
| R10 | Flammable.                                  |
| R11 | Highly flammable                            |
| R36 | Irritating to eyes.                         |
| R67 | Vapours may cause drowsiness and dizziness. |

#### Hazard Statements In Full

|      |                                     |
|------|-------------------------------------|
| H319 | Causes serious eye irritation.      |
| H226 | Flammable liquid and vapour.        |
| H225 | Highly flammable liquid and vapour. |
| H336 | May cause drowsiness or dizziness.  |

#### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.