

# Sol-X

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### Sol-X Apple Fresh Screenwash

Revision 4

Revision date 2015-06-08

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

##### 1.1. Product identifier

Product name	Sol- X Apple Fresh Screen Wash
Product code	SXFV300

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

Product Use	[SU21] Consumer uses: Private households (= general public = consumers); ----- [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen);
Description	A concentrated vehicle screen wash solution.

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

Company	Central Solutions (GB) Ltd
Address	Askern Industrial Estate Moss road Askern Doncaster DN6 0DD
Web	www.solxsolutions.com
Telephone	Tel: 01302 708895
Fax	Fax: 01302 708895
Email	info@solxsolutions.com
Email address of the competent person	info@solxsolutions.com

##### 1.4. Emergency telephone number

Emergency telephone number	01302 708895 (office hours only)
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#### SECTION 2: Hazards identification

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

2.1.1. Classification - 1999/45/EC	R10
Main hazards	Symbols: Flammable.
2.1.2. Classification - EC 1272/2008	Flam. Liq. 3: H226; Eye Irrit. 2: H319;

##### 2.2. Label elements

###### Hazard pictograms



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## 2.2. Label elements

Signal Word	Warning
Hazard Statement	Flam. Liq. 3: H226 - Flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P102 - Keep out of reach of children. P103 - Read label before use. 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.
Precautionary Statement: Response	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P370+P378 - In case of fire: Use carbon dioxide or foam to extinguish.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved waste contractor.

## 2.3. Other hazards

Other hazards	PBT not identified as a PBT substance.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
C9-11 Alcohol ethoxylate		68439-46-3			0.5 - 1%	Xn; R22 Xi; R41	
ethanol	603-002-00-5	64-17-5	200-578-6	01-2119457610-43		F; R11	
Propylene Glycol (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0	01-2119456809-23	0 - 0.5%		
Diethyl phthalate		84-66-2	201-550-6	01-2119456809-23			

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
C9-11 Alcohol ethoxylate		68439-46-3				Acute Tox. 4: H302; Eye Dam. 1: H318;	
ethanol	603-002-00-5	64-17-5	200-578-6	01-2119457610-43		Flam. Liq. 2: H225;	

## Further information

Product Description & Uses	A concentrated vehicle screen wash solution.
Product Shelf Life	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
Active Ingredients	Ingredients Apple Screenwash - Denatured Alcohol, Less than 5% Non-ionic Surfactants, Less than 5% Anionic Surfactants, Parfum, CI 42090.

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed.
Skin contact	Remove contaminated clothing. Wash with water and soap as a precaution.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

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

Inhalation	High concentration of vapour in enclosed space may cause irritation, headaches and nausea. May cause irritation to respiratory system.
Eye contact	Irritating to eyes.
Skin contact	May cause skin dryness and irritation. Prolonged contact may cause defatting of the skin.
Ingestion	May cause irritation to mucous membranes.

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

	<b>TREAT SYMPTOMATICALLY.</b>
Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.

## General information

	If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Flammable liquid. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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### 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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### 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## Further information

	In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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## SECTION 6: Accidental release measures

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

	Wear suitable protective equipment. Flammable liquid. Avoid sparks, flames, heat and sources of ignition.
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### 6.2. Environmental precautions

	Advise local authorities if large spills cannot be contained.
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### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Avoid sparks, flames, heat and sources of ignition.
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### 6.4. Reference to other sections

	See section 2, 7, 8, 13 for further information.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing.
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### 7.2. Conditions for safe storage, including any incompatibilities

	Flammable liquid. Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light. Store in a well-ventilated place. Keep cool. Store in original container. Keep container tightly closed. Keep away from combustible material. Keep out of the reach of children.
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## 7.3. Specific end use(s)

A concentrated vehicle screen wash solution.

## Suitable packaging

Plastic containers.

**SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

Occupational exposure controls.

## 8.1.1. Exposure Limit Values

Diethyl phthalate	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 5 WEL 15 min limit mg/m3: 10 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
ethanol	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Propylene Glycol (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: -  WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 10  WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Propylene Glycol (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150  WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total - inhalable dust: WEL 8-hr limit mg/m3 total - respirable dust:	WEL 8-hr limit mg/m3: 474  WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:

## 8.2. Exposure controls



Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection.

Eye / face protection

Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields.

Skin protection -  
Handprotection

Rubber gloves.

Respiratory protection

No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.

8.2.3. Environmental exposure  
controls

Prevent further leakage or spillage if safe to do so.

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**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance	Aqueous solution
Colour	Blue
Odour	Designer Fragranced
pH	5.5 - 7.9
Melting point	No data available
Initial boiling point	No data available
Flash point	25 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	50 centipoise
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

**9.2. Other information**

Conductivity	No data available
Surface tension	No data available
Specific gravity	0.89 - 0.92 g/cm <sup>3</sup>
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	30 g/l

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Flammable liquid. Stable under normal conditions.

**10.2. Chemical stability**

Flammable liquid. Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Oxidising agents. Combustible materials.

**10.4. Conditions to avoid**

Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light.

**10.5. Incompatible materials**

Oxidising agents.

**10.6. Hazardous decomposition products**

No Hazardous decomposition products when stored and handled correctly. Burning produces irritating, toxic and obnoxious fumes.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Skin corrosion/irritation**

Not anticipated under normal conditions of use. May cause irritation to skin.

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## 11.1. Information on toxicological effects

Serious eye damage/irritation	Not anticipated under normal conditions of use. Causes serious eye irritation.
Respiratory or skin sensitisation	Not anticipated under normal conditions of use. May cause irritation to respiratory system.
Repeated or prolonged exposure	Prolonged contact may cause defatting of the skin.

## 11.1.2. Mixtures

	No data available.
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## 11.1.3. Hazard Information

	No data available.
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## 11.1.4. Toxicological Information

	No data available
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**SECTION 12: Ecological information**

## 12.1. Toxicity

	No data available
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## 12.2. Persistence and degradability

	Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.
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## 12.3. Bioaccumulative potential

	No data is available on this product.
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## Partition coefficient

	FRAGRANCED SCREEN WASH No data available - Apple Fragrance
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## 12.4. Mobility in soil

	No data is available on this product.
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## 12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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## 12.6. Other adverse effects

	No data available.
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**SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

	Dispose of waste and residues in accordance with local authority requirements.
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## General information

	Dispose of in compliance with all local and national requirements.
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## Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.
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**SECTION 14: Transport information**

## Hazard pictograms

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## Hazard pictograms



## 14.1. UN number

UN1170

## 14.2. UN proper shipping name

ETHYL ALCOHOL SOLUTION

## 14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

## 14.4. Packing group

Packing group III

## 14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

## ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

## IMDG

EmS Code	F-E S-D
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## IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

**SECTION 15: Regulatory information**

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

Regulations	<p><b>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</b></p> <p><b>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</b></p>
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## 15.2. Chemical safety assessment

No information available.

## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas:. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 11 - Serious eye damage/irritation.
Text of risk phrases in Section 3	R11 - Highly flammable. R22 - Harmful if swallowed. R41 - Risk of serious damage to eyes.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage. Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Maximum content of VOC	30 g/l.

## Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.