

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/8

Sol-X Designer Air Freshener

Revision 13

Revision date 2018-02-27

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

1.1. Product identifier

Product name	Sol-X Designer Air Freshener
Product code	SXDAF100

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 ready to use designer fragranced air freshener.

1.3. Details of the supplier of the safety data sheet

Company	Central Solutions (GB) Ltd, Sol-X House
Address	Windmill Lane, Norton, Doncaster, DN6 9AT
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	01307 463538 8.30am to 17.00pm
----------------------------	-----------------------------------

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	EUH208; Flam. Liq. 3: H226; Eye Irrit. 2: H319; Aquatic Chronic 3: H412;
--------------------------------------	--

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	EUH208 - Contains hexyl cinnamal, tetramethyl-Acetyloctahydronaphthalenes. May produce an allergic reaction. Flam. Liq. 3: H226 - Flammable liquid and vapour.

Sol-X Designer Air Freshener

Revision 13
Revision date 2018-02-27

2.2. Label elements

Precautionary Statement: Prevention	Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
	P102 - Keep out of reach of children. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Precautionary Statement: Response	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved disposal site, in accordance with local regulations.

2.3. Other hazards

Other hazards	PBT not identified as a PBT substance.
---------------	--

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
2,2-dimethyl-1,3-dioxolan-4-ylmethanol		100-79-8	202-888-7	01-2120066005-66	1 - 10%	Eye Irrit. 2: H319;
Ethanol: Ethyl Alcohol (Ethanol)		64-17-5	200-578-6	01-2119457610-43	50 - 60%	Flam. Liq. 2: H225; Eye Irrit. 2: H319;
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	603-212-00-7	1222-05-5	214-946-9	01-2119488227-29	0 - 0.5%	Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
Hexyl cinnamal		101-86-0	202-983-3		0 - 0.5%	Skin Sens. 1: H317; Aquatic Chronic 2: H411;
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl) ethanone		54464-57-2	259-174-3		0 - 0.5%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 1: H410;
(R)-p-mentha-1,8-diene	601-029-00-7	5989-27-5	227-813-5		0 - 0.5%	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
p-Cymene		99-87-6	202-796-7		0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Aquatic Chronic 2: H411;
Geranyl Acetate		105-87-3	203-341-5	01-2119973480-35	0 - 0.5%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 3: H412;

Further information

Product Shelf Life	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
Active Ingredients	Ingredients Air Freshener - Denatured Alcohol, Parfum (Linalool, Hexyl Cinnamal, Limonene, Butylphenyl methylpropional, Citronellol).

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.

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
------------	--

Sol-X Designer Air Freshener

Revision 13
Revision date 2018-02-27

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

Eye contact	cause irritation to respiratory system.
Skin contact	Irritating to eyes.
Ingestion	May cause skin dryness and irritation. Prolonged contact may cause defatting of the skin.
	May cause irritation to mucous membranes.

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

Inhalation	TREAT SYMPTOMATICALLY. 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.
--	---

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Flammable liquid. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
--	---

5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
--	---

5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
--	---

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.
--	---

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.
--	---

6.2. Environmental precautions

	Advise local authorities if large spills cannot be contained.
--	---

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.
--	--

6.4. Reference to other sections

	See section 2, 7, 8, 13 for further information.
--	--

SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing.
--	---

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.
--	---

Sol-X Designer Air Freshener

Revision 13
Revision date 2018-02-27

7.3. Specific end use(s)

No data is available on this product.

Suitable packaging

Plastic containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure controls.

8.1.1. Exposure Limit Values

Air Freshener Home & Vehicle (CK Type Fragrance) (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:
BHT (Butylated Hydroxytoluene) (2,6-Di-tert-butyl-p-cresol)	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:
Ethanol: Ethyl Alcohol (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:

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.

8.2.1. Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location.

Eye / face protection

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

Skin protection -
Hand protection

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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Sol-X Designer Air Freshener

Revision 13
Revision date 2018-02-27

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Designer Fragranced
Odour threshold	No data available
pH	4 - 6
Melting point	No data available
Initial boiling point	No data available
Flash point	23 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	0.85 - 0.95 g/cm ³
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	< 50 centipoise
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Slightly soluble in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

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

Acute toxicity	based on available data the classification criteria are not met.
Skin corrosion/irritation	based on available data the classification criteria are not met.

Sol-X Designer Air Freshener

Revision 13
Revision date 2018-02-27

11.1. Information on toxicological effects

Serious eye damage/irritation	H319 - Causes serious eye irritation.
Respiratory or skin sensitisation	based on available data the classification criteria are not met.
Germ cell mutagenicity	based on available data the classification criteria are not met.
Carcinogenicity	based on available data the classification criteria are not met.
Reproductive toxicity	based on available data the classification criteria are not met.
STOT-single exposure	based on available data the classification criteria are not met.
STOT-repeated exposure	based on available data the classification criteria are not met.
Aspiration hazard	based on available data the classification criteria are not met.

11.1.2. Mixtures

	No data available.
--	--------------------

11.1.3. Hazard Information

	No data available.
--	--------------------

11.1.4. Toxicological Information

	No data available
--	-------------------

SECTION 12: Ecological information

12.1. Toxicity

	No data available
--	-------------------

12.2. Persistence and degradability

	Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.
--	--

12.3. Bioaccumulative potential

	No data is available on this product.
--	---------------------------------------

Partition coefficient

	Air Freshener Home & Vehicle (CK Type Fragrance) No data available	Ethanol: Ethyl Alcohol 0.35 log P
--	--	-----------------------------------

12.4. Mobility in soil

	No data is available on this product.
--	---------------------------------------

12.5. Results of PBT and vPvB assessment

	No data is available on this product.
--	---------------------------------------

12.6. Other adverse effects

	No data available.
--	--------------------

SECTION 13: Disposal considerations

13.1. Waste treatment methods

	Dispose of waste and residues in accordance with local authority requirements.
--	--

General information

	Dispose of in compliance with all local and national requirements.
--	--

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.
--	---

SECTION 14: Transport information

Sol-X Designer Air Freshener

Revision 13
Revision date 2018-02-27

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

14.6. Special precautions for user

	No additional special precautions.
--	------------------------------------

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	Not applicable.
--	-----------------

ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

IMDG

EmS Code	F-E S-D
----------	---------

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	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.
-------------	---

Sol-X Designer Air Freshener

Revision 13

Revision date 2018-02-27

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

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.

15.2. Chemical safety assessment

No information available.

SECTION 16: Other information

Other information

Revision	<p>This document differs from the previous version in the following areas:</p> <ul style="list-style-type: none"> 1 - CAS No. 1 - EC No. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Disposal. 11 - Serious eye damage/irritation.
Text of Hazard Statements in Section 3	<p>Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Skin Sens. 1: H317 - May cause an allergic skin reaction. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Skin Irrit. 2: H315 - Causes skin irritation. Flam. Liq. 3: H226 - Flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</p>

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.