

according to Regulation (EU) 2020/878

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Supagard Sanitise Air Freshener

Revision 2 **Revision date** 2022-11-22

	Revision date 2022-11-2
SECTION 1: Identification of	the substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	Supagard Sanitise Air Freshener
1.2. Relevant identified uses of	the substance or mixture and uses advised against
Product Use	[SU21] Consumer uses: Private households (= general public = consumers); [PC3] Air care products;
	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC3] Air care products;
Description	Air Freshener.
1.3. Details of the supplier of the	e safety data sheet
Company	SUPAGARD LIMITED
Address	19-27 Gavinton Street Muirend Glasgow G44 3EF
Web	www.supagard.com
Telephone	0141 633 5933
Fax	01416377219
Email	James.Smyth@supagard.com
Email address of the competent person	James.Smyth@supagard.com
1.4. Emergency telephone numl	Der d
Emergency telephone number	01416335933
	8.30am to 5.00pm
	For medical advice or information you should contact your GP or NHS 111 (or NHS 24 in Scotland) on 111 (for 24 hour health advice)
	If you are a healthcare professional with an enquiry please visit www.TOXBASE.org
SECTION 2: Hazards identif	ication
2.1. Classification of the substar	
2.1.2. Classification - EC 1272/2008	Flam. Liq. 3: H226; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 2: H411;
2.2. Label elements	
Hazard pictograms	$\land \land \land$



2.2. Label elements

Signal Word	Warning
Hazard Statement	Flam. Liq. 3: H226 - Flammable liquid and vapour.
	Skin Sens. 1: H317 - May cause an allergic skin reaction.
	Eye Irrit. 2: H319 - Causes serious eye irritation.
	Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statement:	P102 - Keep out of reach of children.
Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No
	smoking.
Precautionary Statement:	P302+P352 - IF ON SKIN: Wash with plenty of water/ .
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.
	P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
	P337+P313 - If eye irritation persists: Get medical advice/attention.
SUPPLEMENTAL HAZARD	Ingredients Medi-Fresh Air Freshener - Denatured Alcohol, Aqua, Parfum, Limonene.
	Contains - Denatured Alcohol, Isopropylideneglycerol, Terpineol, Terpinolene, Limonene,
	P-Cymene, Pinene, Gamma-Terpinene, Longifolene.
2.3. Other hazards	
Other hazards	This substance/mixture is not classified as PBT or vPvB according to current criteria. The
	substance/mixture does not contain substances with endocrine disrupting properties.
Further information	
	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.

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
Ethanol: Ethyl Alcohol (Ethanol)		64-17-5	200-578-6	01-2119457610-43	50 - 60%	Flam. Liq. 2: H225; Eye Irrit. 2: H319;
2,2-dimethyl-1,3-dioxolan-4-ylmetha		100-79-8	202-888-7	01-2120066005-66	1 - 10%	Eye Irrit. 2: H319;
2- (4-Methylcyclohex-3-en-1yl)propan- 2-ol		8000-41-7	232-268-1	01-2119553062-49	1 - 10%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 1: H410;
4-Isopropylidene-1-methylcyclohex ene		586-62-9	209-578-0		0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Sens. 1: H317; Aquatic Chronic 1: H410;
D-Limonene	601-029-00-7	5989-27-5	227-813-5		0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
1-Isopropyl-4-methylbenzene		99-87-6	202-796-7		0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Acute Tox. 3: H331; Aquatic Chronic 2: H411;
2,6,6-Trimethylbicyclo[3.1.1]hept-2- ene (Alpha-Pinene)		80-56-8	201-291-9		0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
1-Isopropyl-4-methylcyclohexa-1,4- diene		99-85-4	202-794-6		0 - 0.5%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Repr. 2: H361;
Longifolene		475-20-7	207-491-2		0 - 0.5%	Asp. Tox. 1: H304; Skin Sens. 1: H317; Aquatic Chronic 1: H410;

4-Isopropylidene-1-methylcyclohexane, CAS No. 586-62-9 - M Factor (Acute/Chronic) = 1. Limonene, CAS No. 5989-27-5 - M Factor (Acute/Chronic) = 1. 2,6,6-Triemthylbicyclo[3.1.1]hept-2-ene, CAS No. 80-56-8 - M Factor (Acute/Chronic) = 1.



Longifolene, CAS No. 475-20-7 - M Factor (Chronic) = 10.

SECTION 4: 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 symptom	oms 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 imme	ediate medical attention and special treatment needed
	TREAT SYMPTOMATICALLY.
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.

SECTION 5: Firefighting measures

5.1. Extinguishing media

o. n. Exangalorning modia	
	Flammable liquid. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
5.2. Special hazards arising from	n the substance or mixture
	Flammable Liquid and vapour.
5.3. Advice for firefighters	
	Fire fighters should wear self contained positive pressure breathing apparatus (SCBA) and full turnout gear.
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 relea	ase measures
6.1. Personal precautions, prote	ctive 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.

 7.3. Specific end use(s)

 Air Freshener.

 Suitable packaging

 Plastic containers.

SECTION 8: Exposure controls/personal protection

Occupational exposure controls.

8.1. Control parameters

8.1.1. Exposure Limit Values		
2,6,6-Trimethylbicyclo[3.1.1]hept -2-ene (Alpha-Pinene)	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m3: 140
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m3: 300
	WEL 8-hr limit mg/m3 total inhalable dust:	WEL 15 min limit mg/m3 total inhalable dust:
	WEL 8-hr limit mg/m3 total respirable dust:	WEL 15 min limit mg/m3 total respirable dust:
2-methylpropan-2-ol	WEL 8-hr limit ppm: 100	WEL 8-hr limit mg/m3: 308
	WEL 15 min limit ppm: 150	WEL 15 min limit mg/m3: 462
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:
Ethanol: Ethyl Alcohol (Ethanol)	WEL 8-hr limit ppm: 1000	WEL 8-hr limit mg/m3: 1920
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

DNEL: Derived no-effect level.

Exposure Pattern - Workers				
2,6,6-Trimethylbicyclo[3.1.1]hept	Long-term - inhalation - Systemic	5.98 mg/m ³		
-2-ene	effects			
2-methylpropan-2-ol	Long-term - inhalation - Systemic	49 mg/m³		
	effects			
	Long-term - inhalation - Local	240 mg/m³	Long-term - dermal - Systemic	139 mg/kg
	effects		effects	
Ethanol: Ethyl Alcohol	Long-term - inhalation - Systemic	950 mg/m³		
	effects			
	Long-term - inhalation - Local	1900 mg/m³	Long-term - dermal - Systemic	343 mg/kg
	effects		effects	



Exposure Pattern - General population

2,6,6-Trimethylbicyclo[3.1.1]hept	Long-term - inhalation - Systemic	0		
-2-ene	effects Long-term - oral - Systemic			
	effects			
2-methylpropan-2-ol	Long-term - inhalation - Systemic	9.7 mg/m ³		
	effects			
	Long-term - inhalation - Local	240 mg/m ³	Long-term - dermal - Systemic	83 mg/kg
	effects		effects	
	Long-term - oral - Systemic	6.7 mg/kg		
	effects			
Ethanol: Ethyl Alcohol	Long-term - inhalation - Systemic	114 mg/m³		
	effects			
	Long-term - inhalation - Local	950 mg/m³	Long-term - dermal - Systemic	206 mg/kg
	effects		effects	
	Long-term - oral - Systemic	87 mg/kg		
	effects			

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 there 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 - 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.
SECTION 9: Physical and ch	nemical properties

9.1. Information on basic physical and chemical properties



9.1. Information on basic physical and chemical properties

Appearance	Liquid	
Colour	Colourless	
Odour	Pleasant	
Odour threshold	No data available	
pH	4.5 - 8.5	
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	
Relative Vapour Density	No data available	
Density / Relative Density	0.85 - 0.95 @ 20 degC	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Viscosity	< 50 centipoise	
Oxidising properties	No data available	
Solubility	Soluble in water	

9.2. Other information

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

9.2.1. Information with regard to physical hazard classes

No data is available on this product.

9.2.2. Other safety characteristics

No data is available on this product.

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	



 Revision
 2

 Revision date
 2022-11-22

11.1 Information on hazard classes

	This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).
Acute toxicity	based on available data the classification criteria are not met.
	Oral ATE = >10,000 mg/kg.
	Inhalation - Dust/Mist ATE = >1,000 mg/l.
Skin corrosion/irritation	based on available data the classification criteria are not met.
Serious eye damage/irritation	Eye Irrit. 2: H319 - Causes serious eye irritation.
Respiratory or skin	Skin Sens. 1: H317 - May cause an allergic skin reaction.
sensitisation	
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.
Repeated or prolonged	based on available data the classification criteria are not met.
exposure	
11.1.2. Mixtures	

11.1.2. Mixtures

No data available.

11.1.3. Hazard Information

No data available.

11.1.4. Toxicological Information

1-Isopropyl-4-methylbenzene	Oral Rat LD50: 4750 mg/kg	Inhalation Rat LC50/4 h: 3 mg/l
2,2-dimethyl-1,3-dioxolan-4-ylme	Dermal Rat LD50: >2000 mg/kg	Oral Rat LD50: 7000 mg/kg
thanol		
	Inhalation Rat LC50/4 h: >5.11 mg/l	
2,6,6-Trimethylbicyclo[3.1.1]hept	Oral Rat LD50: 3500 mg/kg	
-2-ene		
2-methylpropan-2-ol	Dermal Rat LD50: 2000 mg/kg	Oral Rat LD50: 3100 mg/kg
	Inhalation Rat LC50/4 h: 31.0 mg/l	
Ethanol: Ethyl Alcohol	Oral Rat LD50: 10470.0 mg/kg	Dermal Rabbit LD50: 15800.0 mg/kg
	Inhalation Rat LC50/4 h: 20 mg/l	

11.2 Information on other hazards

No data is available on this product.

SECTION 12: Ecological information

12.1. Toxicity

2,2-dimethyl-1,3-dioxolan-4-ylme thanol	Daphnia EC50/48h: 96.0000 mg/l	Algae EC50/72h: >92 mg/l
	Fathead minnows LC50/96h: 16.7 mg/l	
2-methylpropan-2-ol	Daphnia EC50/48h: 933.0000 mg/l	Algae EC50/72h: >1000 mg/l
	Brachydanio Rerio LC50/96h: <856 mg/l	
Ethanol: Ethyl Alcohol	Daphnia EC50/48h: 12340.0000 mg/l	Algae EC50/72h: 275 mg/l
	Green Algae EC50/48h: >100mg/l	Fathead minnows LC50/96h: 14200 mg/l
	Rainbow trout LC50/96h: 13000 mg/l	Golden orfe LC50/48h: >100 mg/l
	NOEC / EC10 for marine or 9.6000 mg/l	
	freshwater organisms	

12.2. Persistence and degradability



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	
	Supagard Sanitise Air Freshener No data available Ethanol: Ethyl Alcohol -0.35 log P
	2-methylpropan-2-ol 0.3
12.4. Mobility in soil	
	No data is available on this product.
12.5. Results of PBT and vPvB	
	This substance/mixture is not classified as PBT or vPvB according to current criteria.
12.6 Endocrine disrupting prope	
	No data is available on this product.
12.7. Other adverse effects	
	No data is available on this product.
SECTION 13: Disposal cons	iderations
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 info	rmation
Hazard pictograms	
14.1. UN number	
	UN1170
14.2. UN proper shipping name	
	ETHANOL SOLUTION
14.3. Transport hazard class(es)
ADR/RID	3
Subsidiary risk] -
IMDG	3
Subsidiary risk	-
ΙΑΤΑ	3

| -

Subsidiary risk



14.4. Packing group		
Packing group	Ш	
14.5. Environmental hazards		
Environmental hazards	Yes	
Marine pollutant	Yes	
14.6. Special precautions for user		
	No additional special precautions.	
14.7 Maritime Transport in bulk according to IMO instruments		
	Not applicable.	
ADR/RID		
Hazard ID	30	
Tunnel Category	(D/E)	
IMDG		
EmS Code	F-E S-D	
IATA	ΙΑΤΑ	
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.
	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 (EC) 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.
	COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal.



Other information	
	11 - Repeated or prolonged exposure.
Data sources	Classification and Procedure used to derive the classification for mixtures according to Regulation
	(EC) No. 1272/2008, as retained and amended in UK law.
	Flam. Liq. 3: H226 - Flammable liquid and vapour Flash Point > 23 degC.
	Skin Sens. 1: H317 - May cause an allergic skin reaction Calculation Method.
	Eye Irrit. 2: H319 - Causes serious eye irritation Calculation Method.
	Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects Calculation Method.
Text of Hazard Statements in	Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Section 3	Eye Irrit. 2: H319 - Causes serious eye irritation.
	Skin Irrit. 2: H315 - Causes skin irritation.
	Skin Sens. 1: H317 - May cause an allergic skin reaction.
	Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
	Flam. Liq. 3: H226 - Flammable liquid and vapour.
	Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
	Aquatic Acute 1: H400 - Very toxic to aquatic life.
	Acute Tox. 3: H331 - Toxic if inhaled.
	Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
	Repr. 2: H361 - Suspected of damaging fertility or the unborn child .
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.

