Air Freshener Portfolio



PVA Hygiene provides an innovative and sustainable method of cleaning. As the UK's leading manufacturer of water-soluble cleaning products, we cover all areas of commercial cleaning. Over 24 years, we have developed a system using pre-dosed sachets that is straightforward to implement and balances environment diligence with commercial demands. Based in the South West of England, we distribute globally.



This portfolio contains documents relating to PVA Hygiene's AIR FRESHENER.

This unique formulation is contained within a PVOH or paper film that dissolves at the point of use. The sachets are dry, compact and light, they reduce storage space and transportation costs, and heavily reduce the environmental implications often associated with delivering cleaning supplies. The sachets are packed in planet friendly packaging, that can either be composted or recycled, helping you to eliminate single-use plastic from your current cleaning procedure.



CONTENTS:

- 1) Technical Data Sheet.
- 2) Use Solution Health and Safety Summary.
- 3) Product Safety Data Sheet.







Issue Date 20/05/2023 Version 3.0

PRODUCT DESCRIPTION

Air Freshener sachets are a super concentrated fragrance that removes unpleasant odours from air spaces. The product is biodegradable and safe for use on normal materials of construction.

Sachets are supplied in the following Pack Sizes:-

Pack Size	Sachet Type	Order Code	Outer packaging
10g * 20	PVA-OH	Z6.20	Box
10g * 20	PVA-OH	B6.20	Pouch
10g * 20	Paper	PB6:20	Pouch

- Supplied in convenient water soluble PVA-OH or Paper sachets within a compostable / recyclable outer packaging.
- Fresh long lasting odour.
- Palm Free.
- Vegan Safe Accredited.
- Phosphate Free.
- QAC Free.

INSTRUCTIONS FOR USE

One Sachet provides 750ml of ready to use Air Freshener.

Place one sachet into a trigger spray bottle and half fill with warm water, then reattach the trigger head.

Shake vigorously to dissolve the sachet, then top up the bottle with cold water.

Spray the Air Freshener into the air pointing away from eyes, food, other people and pets.

To increase the persistence of the fresh perfume, the product can be sprayed onto carpets and curtains, as these are disturbed perfume will be released.

Note:- Do not apply directly to hard floors as this will create a slippery surface.

TECHNICAL DATA SUMMARY

Appearance	Colourless to white liquid
Odour	Fresh Linen
pH of use solution	10.5 - 11
Storage Temperature Range	0°C to +40°C
Shelf Life	Minimum of 2 years under normal conditions of dry storage

PVA Hygiene, Unit 6, Havyat Road Business Park, Havyat Road, Bristol, BS40 5PA. Tel: +44 (0) 1934 862859 Email: sales@pva-hygiene.co.uk



EMERGENCY DETAILS

For accident, emergency and health & safety information refer to the Safety Data Sheet for this product.

This product is registered with the UK National Poisons Information Service.

Office Hours Emergency Number +44 (0) 1934 862859

Outside Office Hours: - +44 (0)7967 149256 (This is for health, safety and environmental emergencies only, it is not for general enquires or ordering).

DISCLAIMER

Whilst every effort is made to ensure that the information given in this product information sheet is accurate it is given without guarantee, since the conditions of use are beyond our control.



Issue Date 20/05/2023 Version 3.0

IDENTIFICATION OF THE MATERIAL	
Product Name	AIR FRESHNER USE SOLUTION
Main Use	Air Freshener for Professional and Consumer Use
Uses Advised Against	Not for Direct Oral Consumption.
	Keep Out of Reach of Children.
	Do Not Mix with other Chemicals/Detergents.
Manufacturer	PVA Hygiene.
	Unit 6 Havyat Business Park.
	Havyat Road.
	Bristol.
	BS40 5PA
Telephone	+44 (0) 1934 862859

PHYSICAL AND CHEMICAL PROPERTIES		
Appearance	Liquid	
Colour	Colourless to White	
рН	Circa 10.5 - 11	

CLASSIFICATION, PPE	E, FIRST AID AND DISPOSAL
Health	In use solutions of this product have no Health Classifications.
Physical	In use solutions of this product have no Physical Classifications.
Environmental	In use solutions of this product have no Environmental Classifications.
PPE	No PPE is mandated for this product.
First Aid	EYES:-
	May cause temporary stinging. Rinse with plenty of water.
	SKIN:-
	In the unlikely event of irritation, wash with plenty of water.
	INHALATION:-
	Unlikely to create any adverse effects.
	INGESTION:-
	A soapy taste may be reported, rinse mouth thoroughly.
	If concerned seek medical advice
	Show the label or Safety Data sheet to the Physician.
Disposal	Solutions can be disposed to normal sewers and septic tanks.

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Safety Data Sheet

According to GB and EU REACH and CLP Regulations Issue date: 21/11/2023 Revision date: 21/11/2023 Supersedes version of: 28/01/2023 Version: 3.0

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

1.1. Product identifier Product form : Mixture Product name : Air Freshener UFI G8ET-2QMC-RE7N-6ACQ ((UFI for EU use only)) 1 Product code : Z6:20, A6:20, A6:4, A6:2, A6:8, PB6:20 1.2. Relevant identified uses of the substance or mixture and uses advised against 1.2.1. Relevant identified uses : Professional use, Consumer use Main use category Use of the substance/mixture : Air freshener 1.2.2. Uses advised against Restrictions on use : Not for Oral Consumption, Not for Direct Application to Food Stuffs 1.3. Details of the supplier of the safety data sheet Manufacturer **PVA HYGIENE** UNIT 6 Havyat Business Park Havyat Road BS40 5PA Bristol - United Kingdom T +44 (0)1934 862 859 sales@pva-hygiene.co.uk 1.4. Emergency telephone number Emergency number 5 01934 862859 (Office Hours). For Immediate first aid advice in the UK call 111 This product is registered with NPIS in the UK. **SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] and GB CLP Regulations

Serious eye damage/eye irritation, Category 2 Full text of H- and EUH-statements: see section 16 H319

GHS07

: Warning

Adverse physicochemical, human health and environmental effects

NOTE:- In Use Solutions of this Product are NOT CLASSIFIED.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)

Signal word (CLP) Hazard statements (CLP) Precautionary statements (CLP)

EUH-statements

: H319 - Causes serious eye irritation.

: P102 - Keep out of reach of children. P280 - Wear eye protection.

contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P402+P404 - Store in a dry place. Store in a closed container. P501 - Dispose of contents and container to National Regulations.

: EUH208 - Contains isoeugenol(97-54-1). May produce an allergic reaction.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

2.3. Other hazards

This product does not contain any substances classifed as PBT This product does not contain any substances clasified as vPvB. Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Other information

: To the best of our knowledge this product contains no Endocrine disrupting substances.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP] and GB CLP Regulations
sodium carbonate	CAS-No.: 497-19-8 EC-No.: 207-838-8 EC Index-No.: 011-005-00-2 REACH-no: 01-2119485498- 19	≥ 60 – < 70	Eye Irrit. 2, H319
Citric Acid	CAS-No.: 77-92-9 EC-No.: 201-069-1 EC Index-No.: 607-750-00-3	≥ 15 – < 20	Eye Irrit. 2, H319 STOT SE 3, H335
β-Alanine, N-(2-carboxyethyl)-,N-coco alykyl derivs.,Disodium Salt	CAS-No.: 90170-43-7 EC-No.: 290-476-8 REACH-no: 01-2119976233- 35	≥ 9.9 – < 15	Eye Irrit. 2, H319
isoeugenol	CAS-No.: 97-54-1 EC-No.: 202-590-7 EC Index-No.: 604-094-00-X	< 0.1	Skin Sens. 1A, H317

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
isoeugenol	CAS-No.: 97-54-1 EC-No.: 202-590-7 EC Index-No.: 604-094-00-X	(0.01 ≤ C ≤ 100) Skin Sens. 1A, H317

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: If medical advice is needed, have product container or label at hand. For immediate First Aid advice in the UK, dial 111. When it is safe to do so, remove the victim immediately fror the source of exposure. However, consideration should be given as to whether moving the victim will cause further injury.
First-aid measures after inhalation	: Unlikely without deliberate abuse. Move the affected person to the fresh air.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and eas to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention.

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

4.2. Most important symptoms and effects, both acute and delayed	
Symptoms/effects	: Neat product will cause irritation to eyes. Dilute solutions are unclassified, but may cause transient irritation. Eye contact should be treated as above.
Symptoms/effects after inhalation	: Unlikely route of exposure, but inhalation of dilute solution droplets may result in a sore throat.
Symptoms/effects after skin contact	: Prolonged or repeated exposure may result in irritation or redness, particularly on broken skin.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: Unlikely route of exposure without deliberate abuse. If sachets are swallowed they may swell and could block the throat and GI tract. Irritation to the mouth and GI tract could occur, a soapy taste may be reported. Ingestion of diluted solution is unlikely to cause long term harm, but a soapy taste may be reported.

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

Rinse with plenty of water. Check for abrasion to the surface of the eye from powder particles.

SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media Unsuitable extinguishing media	Use extinguishing agent suitable for surrounding fire.Water.	
5.2. Special hazards arising from the substance or mixture		
Fire hazard Hazardous decomposition products in case of fire	The product is not flammable.On heating, irritating fumes may be produced.	
5.3. Advice for firefighters		
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.	

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective	equipment and emergency procedures	
6.1.1. For non-emergency personnel		
Emergency procedures	: Ventilate spillage area. Avoid contact with eyes.	
6.1.2. For emergency responders		
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".	

6.2. Environmental precautions

Normal use solutions can be disposed to sewers and septic tanks. Large scale spillages or uncontrolled discharges into water systems must be reported to the relevant Environment Agency.

6.3. Methods and material for co	ontainment and cleaning up
Methods for cleaning up	: Collect and place spillage in suitable containers. Seal the containers and apply labelling to identify the material and hazards. For disposal see section 13 of this SDS.
Other information	: Dispose of via an authorised person/ licensed waste disposal contractor or by other suitable waste treatment techniques.

6.4. Reference to other sections

For further information refer to section 13. See sections 2,8,12,13 &14.

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling Hygiene measures	 Carefully comply with the instructions for use. Avoid contact with eyes. Avoid spraying directly towards people and animals. Avoid direct inhalation of sprayed droplets. Always wash hands after handling the product. 	
7.2. Conditions for safe storage, including any incompatibilities		
Storage conditions Storage temperature	 Store in a dry place. Store in a closed container. 0 – 30 °C 	

7.3. Specific end use(s)

Air freshener.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Air Freshener	
United Kingdom - Occupational Exposure Limits	
Remark	No exposure limits known for ingredients.

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls: Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses. Normal use solutions are not classified and eye protection is not mandated, but should be considered if there is a risk of splashing. During manufacture and Packaging Eye Protection is required. Refer to EN166.

8.2.2.2. Skin protection

Hand protection:

During normal use gloves are not required. During manufacture and packing operations, the use of gloves with a breakthrough time >60 minutes is recommended. Refer to EN374 to select appropriate level of protection. Rubber and PVC gloves are recommended. Although not mandated in normal use, gloves should be considered for sensitive skin or long term contact.

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Note:- This would be very unusual in normal use.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid large scale release of undiluted material to the environment.

Other information:

The PPE indicated in this SDS is not a COSHH assessment. It represents the PPE that should be considered for the neat product at all stages of the products life cycle, including manufacture, packaging, distribution, use, and disposal. Use solutions are unclassified.

SECTION 9: Physical and chemical properties			
9.1. Information on basic physical and chemical properties			
Physical state	: Solid		
Appearance	: Powder.		
Colour	: white.		
Odour	: odourless.		
Odour threshold	: Not Determined		
	Not Determined		
pH	: No data available		
pH solution	: 10.5 – 11 @1%v/v		
Relative evaporation rate (butylacetate=1)	: Not applicable.		
Melting point	: Not applicable		
Freezing point	: Not applicable		
Boiling point	: Not applicable		
Flash point	: Not applicable		
Auto-ignition temperature	: Not applicable		
Decomposition temperature	: Not applicable		
Flammability (solid, gas)	: Not Flammable		
Vapour pressure Relative vapour density at 20°C	: Not applicable : Not applicable		
Relative density	: Not applicable		
Density	. Not applicable · ≈1		
Solubility	Completely soluble in water.		
Partition coefficient n-octanol/water (Log Pow)	: No data available		
Viscosity, kinematic	: Not applicable		
Viscosity, dynamic	: No data available		
Explosive properties	: Product is not explosive.		
Oxidising properties	: Not oxidising.		
Explosive limits	: Not applicable		
9.2. Other information			
VOC content	: Not Volatile, contains no VOC's		

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of storage and transport.

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Store away from moisture in a closed container.

10.5. Incompatible materials

Strong acids. Oxidising agents. Do not mix with Bleach or products containing Sodium Hypochlorite, this could result in dangerous heating of the solution.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information				
11.1 Information on toxicological effects				
Acute toxicity (dermal) :	Not classified Not classified Not classified			
β-Alanine, N-(2-carboxyethyl)-,N-coco alykyl o	lerivs.,Disodium Salt (90170-43-7)			
LD50 oral rat	≈ 2000 mg/kg			
Citric Acid (77-92-9)				
LD50 oral rat	3000 mg/kg Source: OECD Screening Information Data Set			
ATE CLP (oral)	3000 mg/kg bodyweight			
Serious eye damage/irritation:Respiratory or skin sensitisation:Germ cell mutagenicity:Carcinogenicity:Reproductive toxicity:	Not classified Causes serious eye irritation. Not classified Not classified This mixture is not classified as a carcinogen. This mixture has no reproductive/foetal harm classifications and is not expected to be a risk to expectant mothers.			
	Not classified			
Citric Acid (77-92-9)				
STOT-single exposure	May cause respiratory irritation.			
	Not classified Not classified			
Air Freshener				
Viscosity, kinematic	Not applicable			
sodium carbonate (497-19-8)				
Viscosity, kinematic	Not applicable			

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: Normal use solutions of this product are not classified for environmental harm.

Ecology - general

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

According to GB and EU REACH and CLP Regulations			
Hazardous to the aquatic environment, short–term : (acute) Hazardous to the aquatic environment, long–term : (chronic) Not rapidly degradable	Not classified Not classified		
Citric Acid (77-92-9)			
LC50 - Fish [1]	48 mg/l Source: ECOTOX		
12.2. Persistence and degradability			
Air Freshener			
Persistence and degradability	The Surfactants and Chelants used in this mixture are Biodegradable.		
12.3. Bioaccumulative potential			
Air Freshener			
Bioaccumulative potential	Not expected to Bioaccumulate.		
Citric Acid (77-92-9)			
Partition coefficient n-octanol/water (Log Pow)	-1.7 Source: ICSC		
12.4. Mobility in soil			
Air Freshener			
Additional information	soluble in water		
12.5. Results of PBT and vPvB assessment			
Air Freshener			
This product does not contain any substances classifed	This product does not contain any substances classifed as PBT		
This product does not contain any substances clasified as vPvB.			
12.6. Other adverse effects			

No additional information available

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
	 Disposal of this product must comply with local and national environmental legislation. Small volumes of use solution can be disposed of to sewage drains.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID				
ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.3. Transport hazard o	I4.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

14.6. Special precautions for user

Overland transport Not applicable

Transport by sea Not applicable

Air transport Not applicable

Inland waterway transport Not applicable

Rail transport

Not applicable

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content

: Not Volatile, contains no VOC's

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

GB REACH and CLP regulations. UK HSE EH40 Publication.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Alignment of P phrases with label.

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
РВТ	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	

Safety Data Sheet

According to GB and EU REACH and CLP Regulations

Abbreviations and acronyms:		
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Full text of H- and EUH-statements:		
EUH208	Contains isoeugenol(97-54-1). May produce an allergic reaction.	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H335	May cause respiratory irritation.	
Skin Sens. 1A	Skin sensitisation, category 1A	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.