SAFETY DATA SHEET

AIR FRESHENER

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

1.1. Product identifier

Product name Air Freshener Concentrate

Product Code CH320F

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

Identified uses

Air Freshener

Uses advised against

Not for oral consumption.

1.3. Details of the supplier of the safety data sheet

Supplier

SHORROCK TRICHEM LTD
Chanters Industrial Estate, Atherton, Manchester, M46 9SD
01942 875 325
e-mail sales@shorrocktrichem.com

1.4. Emergency telephone number

01942 875 325 (office hours)
For UK Medical Emergency Advice Dial 111.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

(EC 1272/2008) and UK CLP Regulations.

Physical hazards

Not Classified

Health hazards

Eye Irrit. 2 - H319

EUH 208 Contains " 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, 3-(4- tertButylphenyl) - 2-methylpropanal , Methyl Cedryl Ketone, 3,7-Dimethylocta-1,6-dien-3-ol, d-Limonene, alpha-Hexylcinnam aldehyde , Nerol, 4-Tert- Butyl Cyclohexyl Acetate ". May Produce an Allergic Reaction.

Environmental hazards

Not Classified

2.2. Label elements

Hazard pictograms

Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

EUH 208 Contains "1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, 3-(4- tertButylphenyl) - 2-methylpropanal , Methyl Cedryl Ketone, 3,7-Dimethylocta-1,6-dien-3-ol, d-Limonene, alpha-Hexylcinnam aldehyde , Nerol, 4-Tert- Butyl Cyclohexyl Acetate ". May Produce an Allergic Reaction.

Precautionary statements

P102 Keep out of reach of children.
P280 Wear protective gloves, eye and face protection.
P302+P352 IF ON SKIN: Wash with plenty of water
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313 Get medical advice/attention.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

In use solutions when diluted as per the manufacturer's instructions are unclassified.

SECTION 3: Composition/information on Ingredients

3.2. Mixtures

Chemical Name	CAS No.	EC No.	Classification	Concentration %wt/wt
BETA-ALANINE, N-(2 CARBOXYETHYL)-N-DODECYL MONO SODIUM SALT	90170-43-7	290-476-8	Eye Irrit. 2 - H319	<15%
SODIUM CARBONATE	497-19-8	207-838-8	Eye Irrit. 2 - H319	<60%
CITRIC ACID MONOHYDRATE	5949-29-1	201-069-1	Eye Irrit. 2 - H319	<30%
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2naphthalenyl) ethanone	54464-57-2	259-174-3	Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Aquatic Chronic 2 - H411	<0.5%
3-(4-tert-Butylphenyl)-2-methylpropanal	80-54-6	201-289-8	Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Repr. 2 - H361 Aquatic Chronic 2 - H411	<0.5%
METHYL CEDRYL KETONE	32388-55-9	251-020-3	Skin Sens. 1B - H317 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H410 M factor (Chronic) = 1 M factor (Acute) = 1	<0.5%
3,7-Dimethylocta-1,6-dien-3-ol	78-70-6	201-134-4	Skin Sens. 1B - H317	<0.5%
d-Limonene	5989-27-5	227-813-5	Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 M factor (Acute) = 1	<0.5%
alpha-Hexylcinnam Aldehyde	101-86-0	202-983-3	Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 M factor (Acute) = 1	<0.5%

Chemical Name	CAS No.	EC No.	Classification	Composition % wt/wt
NEROL	106-25-2	203-378-7	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317	<0.5%
4-TERT-BUTYLCYCLOHEXYL ACETATE	32210-23-4	250-954-9	Skin Sens. 1B - H317 Aquatic Chronic 2 - H411	<0.5%

The full text for all hazard statements is displayed in Section 16.

Composition comments

Components in this formulation are supported by REACH.

SECTION 4: First aid Measures

4.1. Description of first aid measures

General information

When it is safe to do so, remove victim immediately from source of exposure. However, consideration should be given as to whether moving the victim will cause further injury.
For immediate First Aid advice in the UK, dial 111.

Inhalation

Remove affected person from source of contamination.
Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
If breathing stops, provide artificial respiration.
Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting.
Rinse mouth thoroughly with water.
Place unconscious person on the side in the recovery position and ensure breathing can take place.
Get medical attention.

Skin contact

Remove contaminated clothing that is not stuck to the skin.
Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Flush area with clean water.

Eye contact

Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water.
Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation is an unlikely route of exposure during normal use of the product. In extreme cases of abuse soreness and irritation of airways is possible.
Ingestion is unlikely route of exposure without deliberate abuse. If neat chemical is ingested, discomfort of the mouth, throat and GI tract will occur.
If dilute chemical is ingested some soreness of the mouth, throat and GI tract may occur.
If sachets are ingested they will swell and could block the throat and GI tract.
Skin contact. Prolonged or repeated contact with skin may cause redness and dermatitis.
Use solutions may cause mild irritation, especially to open cuts and abrasions.
May cause sensitisation or allergic reactions in sensitive individuals.
Eye contact. May cause irritation to the eyes.

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

Notes for the doctor
Rinse well with water to neutral pH.
Contains a blend of Surfactants and Perfumes in a water soluble PVA film. The film may swell before fully dissolving and will evolve a small amount of CO2 gas.
May cause sensitisation or allergic reactions in sensitive individuals.
Check eyes for abrasion from powders.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Heat/Fire may bring dust into the atmosphere.

5.3. Advice for firefighters

Protective clothing and respiratory protection should be worn when tackling fires involving this firefighting product.
Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective for firefighters clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Large spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
Avoid or minimise the creation of any environmental contamination.

6.3. Methods and material for containment and cleaning up

Collect spillage and place in suitable labelled containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. For waste disposal, see Section 13.

6.4. Reference to other sections

See sections 8,12 & 13

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Usage precautions

Wear suitable protective equipment for prolonged exposure, or exposure to high concentrations of vapours, spray or mist.
Read and follow manufacturer's recommendations.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Keep container tightly closed and dry. Store between 0 and 30 Degrees.
Keep out of reach of children.

7.3. Specific End Use(s)

Air Freshener.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

No Occupational exposure Limits Quoted (UK EH40 list).

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006

Substance Name CITRIC ACID MONOHYDRATE

PNEC

- Fresh water; 0.44 mg/l
- marine water; 0.044 mg/l
- STP; >1000 mg/l

Where new information becomes available under REACH, this will be passed on as revisions to the Safety Data Sheet.

8.2. Exposure controls

Protective equipment Relevant to Manufacture and Packing of this Product

Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Personal protection

The PPE indicated above is not a COSHH assessment. It represents PPE that should be considered during the manufacture, distribution, use and final disposal stages of this product's life cycle. It is the responsibility of employers to conduct a COSHH/risk assessment to determine appropriate PPE levels. The information given below should be used to support this assessment.

Where possible replace manual processes with automated or closed processes to minimise contact with the product.

Eye/face protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.
Refer to EN Standard 166 to select appropriate level of protection.

Hand protection

Upon exposure to sachet contents:
Wear protective gloves (Rubber, neoprene or PVC).

The expected use of this product is such that gloves with a breakthrough time of >60 minutes should be regarded as sufficient. Gloves should be inspected regularly for damage and replaced when necessary.
Refer to Standard EN 374 and EN 16523.

Other skin and body protection
Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures

Promptly remove non-impervious clothing that has become contaminated, provided it is not adhered to the skin.

Respiratory protection

No specific recommendation made, in the case of dust or aerosol formation (eg spraying), or vapour from hot vessels, use respiratory protection with an approved filter (P2).

Environmental exposure controls

Do not allow the substance to contaminate surface water/ground water. See points 6, 12 &13.
Users of this product should consult local drainage and permitting authorities.

General Health and Safety Measures Appropriate to End Use of this Product

Keep out of Reach of Children.
A full Risk Assessment should be carried out before handling any chemical(s). Risk Assessments should refer to COSHH, and any other relevant legislation, or, industry specific guidelines governing the use of chemicals. The above requirements refer to the neat product**. Normal use solutions of this product would not be classified**. However, we would recommend eye protection if there is a risk of splashing, also use of gloves with a break through time of >60 minutes.

SECTION 9: Physical and chemical properties

Appearance	:	Powder contained in a Sachet.
Colour	:	Cream
Odour	:	Laundry
Odour threshold	:	N/A
pH	:	10.5 – 11 at 1% wt/v
Melting point	:	N/A
Initial boiling point and range	:	N/A
Flash point	:	N/A
Evaporation rate	:	N/A
Evaporation factor	:	N/A
Flammability (solid, gas)	:	N/A
Upper/lower flammability or Explosive limits	:	N/A
Vapour pressure	:	N/A
Vapour density	:	N/A
Relative density	:	1.5 – 2.7
Bulk density	:	No Data
Solubility(ies)	:	Soluble in water.
Partition coefficient	:	Not technically practical for mixtures.
Auto-ignition temperature	:	N/A
Decomposition Temperature	:	N/A
Viscosity	:	N/A
Explosive properties	:	N/A
Explosive under the influence of a flame	:	Not considered to be explosive.
Oxidising properties	:	N/A

9.2. Other information

Refractive index	:	N/A
Particle size	:	Not Determined
Molecular weight	:	N/A
Volatility	:	N/A

Saturation concentration	:	N/A
Critical temperature	:	N/A
Volatile organic compound	:	N/A
Explosive Properties	:	Not Classified as Explosive
Storage Temperature Range	:	0 to +30 Degrees C

SECTION 10: Stability and reactivity

10.1. Reactivity

Not expected to react when correctly stored and used. Mixing with other chemicals may produce unexpected reactions.
Mixing with acids will produce an exothermic reaction and evolution of C02

10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended. - See note 10.6.

10.3. Possibility of hazardous reactions

Refer to section 10.1.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid :-

Strong acids.

Do not mix with Hypochlorite (Bleach) based chemicals this could result in a hazardous reaction producing heat, CO2 and O2.

10.6. Hazardous decomposition products

Produces CO2 is the presence of acids and moisture.
Does not decompose when used and stored as recommended.
- See section 10.5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin sensitisation
Contains components that are skin sensitisers. May produce an allergic reaction in sensitive people.

Carcinogenicity
The components of this formulation will not be systemically available in the body under normal conditions of handling and use, as a consequence it is not expected to cause cancer.

Reproductive toxicity
The components of this formulation will not be systemically available in the body under normal conditions of use and handling, as a consequence it is not expected to be toxic to the reproductive system or developing foetus.
NOTE:- A minor component of the product is classified as H361 "Suspected of damaging fertility or the unborn child", this relates to the concentrate raw material and should be considered in risk assessments during manufacture.

General information - This refers to the product as supplied.

See section 4.2.

Inhalation
Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat, mouth and nose. - See section 4.2.
Ingestion
Will cause irritation to mouth, throat and GI-Tract.
Skin contact
Powder Concentrate may cause allergic skin reactions in sensitive individuals.
Eye contact
Causes eye irritation **- See section 4.2.**

General Health and Safety Measures - Appropriate to End Use of this Product

A full Risk Assessment should be carried out before handling any chemical(s). Risk Assessments should refer to COSHH, and any other relevant legislation or industry specific guidelines governing the use of chemicals. Normal use solutions of this product would not be classified. However, we would recommend eye protection if there is a risk of splashing, also use of gloves with a break through time of >60 minutes.

SECTION 12: Ecological information

Ecotoxicity

In the Concentrated Powder Form, this product is not classified as Dangerous to the Environment.

In the Diluted Use Solution Form, this product has no Environment Classification according to EU and UK CLP regulations, use is not expected to pose a risk.

12.1. Toxicity
See comment above.

12.2. Persistence and degradability
The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria as laid down in the European Detergents Regulation No 648/2004 as amended.

12.3. Bioaccumulative potential

Bioaccumulative potential	:	Not expected to bioaccumulate.
Partition coefficient	:	Not technically practical for mixtures.

12.4. Mobility in soil
The product contains substances which are water soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment
This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects Other adverse effects : Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

When handling waste, the safety precautions applying to handling of the product should be considered.
Do not mix with other chemicals.

Disposal methods
Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.
Small volumes of use solution can be disposed of to sewers.

SECTION 14: Transport information

Not Classified for Transport.

SECTION 15: Regulatory information

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

National regulations

UK Adoption and Implementation of the UN Globally Harmonised System (GHS) on Classification and Labelling of Chemicals (GB CLP) and considers UK National REACH legislation.

Also UK EH40/2005 Work Place Exposure Limits (s amended).

EU legislation

European Regulation (EC) No 1272/2008 (as amended) on Classification, Labelling and Packaging of Substances and Mixtures.

Also considered is the REACH Regulation (EC) No.1907/2006 (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

(EC) No. 1272/2008 : EU Regulation on Classification, Labelling and Packaging of Substances and Mixtures.
NPIS - National Poisons Information Service.
vPvB - Very Persistent, Very bioaccumulative.
PBT - Persistent, Bioaccumulative & Toxic.
REACH - **R**egistration, **E**valuation, **A**uthorisation & restriction of **CH**emicals (Regulation EC 907/2006).
DNEL - Derived No Effect Limit.
PNEC - Predicted No Effect Concentration.
COSHH - Control of Substances Hazardous to Health.

General information

Revision comments
First Issue.

Revision date
22/12/2020

Hazard statements in full - This is a summary of H phrases used in the SDS, it is not the classification of the product, for this refer to Section 2.

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways
H302 Harmful if swallowed.
H317 May cause an allergic skin reaction
H314 Causes severe skin burns and eye damage.
H319 Causes serious eye irritation.
H361 Suspected of damaging fertility or the unborn child
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

REACH requires that persons handling chemicals should take the necessary risk management measures, in accordance with assessments from manufacturers and importers of chemical substances. The relevant recommendations must be passed along the supply chain. These assessments are generally reported in Exposure Scenarios.
Where Exposure Scenarios have been provided for substances used in this product, the relevant information is incorporated into the safety data sheet.

END OF SAFETY DATA SHEET

This information relates only to the specific material designated and may not be valid for such material used in combination with other materials. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use and the reliable of the date.

However, no warranty guarantee or representation is made as to data accuracy, reliability. Such information is, to the best of the company's knowl edge and belief, accurate.