SAFETY DATA SHEET
ECLIPSE SUPER AIR FRESHENER

According to Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures.

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

1.1. Product identifier

Product name ECLIPSE SUPER AIR FRESHENER

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

Identified uses Air freshener concentrate. For professional use only.

Uses advised against Not for oral consumption. Not for direct contact with Food or Beverage stuffs. Not for use by Children.

1.3. Details of the supplier of the safety data sheet

Supplier Able Cleaning & Hygiene Supplies
Blenheim House, 27-33 Threxton Road Industrial Estate, Watton, Norfolk, IP25 6NG
01953 885 661
info@ablecleaningandhygiene.com

1.4. Emergency telephone number

Emergency telephone 0845 180 0640 (24 Hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

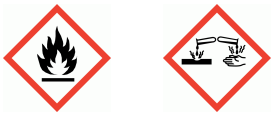
Physical hazards Flam. Liq. 3 - H226

Health hazards Eye Dam. 1 - H318 Elicitation - EUH208

Environmental hazards Not Classified

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements
H226 Flammable liquid and vapour.
H318 Causes serious eye damage.
EUH208 Contains CITRAL, Geranyl acetate, d-Limonene. May produce an allergic reaction.

Precautionary statements
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.
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.
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
P313 Get medical advice/attention.
P403+P235 Store in a well-ventilated place. Keep cool.

Contains C9-11 ALCOHOL ETHOXYLATE WITH 6.5M ETHYLENE OXIDE

Detergent labelling	5 - < 15% non-ionic surfactants,Contains CITRAL, 3,7-Dimethylocta-1,6-dien-3-ol, d-Limonene, Geraniol, CITRONELLOL, 7-Hydroxycitronellal, alpha-Hexylcinnamaldehyde, Eugenol
Supplementary precautionary statements	P501 Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ETHANOL **10-30%**

CAS number: 64-17-5 EC number: 200-578-6

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 2 - H225	F;R11.

C9-11 ALCOHOL ETHOXYLATE WITH 6.5M ETHYLENE OXIDE **5-10%**

CAS number: 68439-46-3

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Acute Tox. 4 - H302 Eye Dam. 1 - H318	Xn; R22. Xi; R41

METHANOL **<1%**

CAS number: 67-56-1 EC number: 200-659-6

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	F;R11 T;R23/24/25,R39/23/24/25

CITRAL **<1%**

CAS number: 5392-40-5 EC number: 226-394-6

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Skin Irrit. 2 - H315 Skin Sens. 1 - H317	R43 Xi;R38

Geranyl acetate **<1%**

CAS number: 105-87-3 EC number: 203-341-5 REACH registration number: 01-2119973480-35-0000

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 3 - H412	Xi; R38. R52/53, R43

d-Limonene		<1%
CAS number: 5989-27-5	EC number: 227-813-5	REACH registration number: 01-2119529223-47-0000
M factor (Acute) = 1	M factor (Chronic) = 1	

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Xn; R65. Xi; R38. N; R50/53. R10, R43

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments To the best of our knowledge, all of the substances used in this product are being supported for the relevent application in 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.

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 immediately and wash skin with soap and water. In the event of any sensitisation symptoms developing, ensure further exposure is avoided.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

General information Neat product may cause irritation to skin and eyes. Dilute chemical may result in mild irritation to skin. Contact of dilute chemical with eyes should still be treated as outlined above.

Inhalation Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat, mouth and nose. May result in light headed or dizziness.

Ingestion Unlikely route of exposure without deliberate abuse. If neat chemical is ingested, irritation of the mouth, throat and GI tract may occur. If dilute chemical is ingested some soreness of the mouth, throat and GI tract may occur.

Skin contact There may be mild irritation at the site of contact. May cause sensitisation by skin contact.

Eye contact May cause serious eye damage.

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

Notes for the doctor Rinse well with water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide or dry powder. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is flammable.

Hazardous combustion products Irritating gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Protective clothing and respiratory protection should be worn when tackling fires involving this product.

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4. Reference to other sections

Reference to other sections See sections 8,12 & 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Wear protective clothing as described in Section 8 of this safety data sheet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store below 30°C. Keep out of the reach of children.

7.3. Specific end use(s)

Specific end use(s) Air freshener concentrate. Refer to Product Information Sheet.

Usage description Refer to use instructions.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³ vapour

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 266 mg/m3(Sk)
Short-term exposure limit (15-minute): WEL 250 ppm(Sk) 333 mg/m3(Sk)

WEL = Workplace Exposure Limit

Ingredient comments

Where an exposure level is quoted, a risk assessment should consider if there is a need to monitor the atmosphere of the working environment. Results should be compared against the WEL and/or DNEL information provided. The Long Term WEL refers to total exposure of a worker to a specific substance averaged out over an 8 hour period.
The Short Term WEL refers to a single exposure of a worker to a specific substance over a 15 minute period.
If the Short Term WEL is exceeded and no Long Term Limit is set, further exposure during the working shift is not permitted. Further controls should be implemented to ensure that future exposure to the substance is reduced below the levels set before the activity is repeated/continued. Where no Short Term WEL exists, guidance from the HSE is to use a value of three times the Long Term WEL.
The WEL limits are laid down in the EH40 list as supplied by the HSE. This is taken from the Chemical Agents Directive (98/24/EC). DNEL and/or PNEC information is supplied by manufacturers of substances in accordance with REACH legislation (Regulation (EC) No 1907/2006) , and is used to provide suitable risk reduction measures to limit exposure of the user of the substance to a non hazardous level. If the measured level of exposure by a route divided by the DNEL for the route is greater than 1, then further exposure controls should be implemented as described in section 8.2. Where new information becomes available under REACH, this will be passed on as revisions to the Safety Data Sheet. Where a worker is exposed to levels approaching a limit, further exposure control measures should be considered to reduce exposure to the substance.

ETHANOL (CAS: 64-17-5)

DNEL

Workers - Inhalation; Short term local effects: 1900 mg/m³
Workers - Dermal; Long term : 343 mg/kg
Workers - Inhalation; Long term : 950 mg/m³
Consumer - Inhalation; Short term local effects: 950 mg/m³
Consumer - Dermal; Long term : 206 mg/kg
Consumer - Inhalation; Long term : 114 mg/m³
Consumer - Oral; Long term : 87 mg/kg

PNEC

- Fresh water; 0.96 mg/l
- Marine water; 0.79 mg/l
- Sediment (Freshwater); 3.6 mg/kg
- Soil; 0.63 mg/kg

METHANOL (CAS: 67-56-1)

DNEL

Workers - Dermal; Short term : 40 mg/kg
Workers - Inhalation; Short term : 260 mg/m³
Workers - Dermal; Long term : 40 mg/kg
Workers - Inhalation; Long term : 260 mg/m³
Consumer - Dermal; Short term : 8 mg/kg
Consumer - Inhalation; Short term : 50 mg/m³
Consumer - Oral; Short term : 8 mg/kg
Consumer - Dermal; Long term : 8 mg/kg
Consumer - Inhalation; Long term : 50 mg/m³
Consumer - Oral; Long term : 8 mg/kg

PNEC

- Fresh water; 154 mg/l
- Marine water; 15.4 mg/l
- Sediment (Freshwater); 570.4 mg/kg
- Soil; 23.5 mg/kg

COCOAMIDOPROPYL BETAINE (CAS: 61789-40-0)

DNEL	Professional - Dermal; Long term systemic effects: 12.5 mg/kg bw/day Professional - Inhalation; Long term systemic effects: 44 mg/m³
PNEC	- Fresh water; 0.0135 mg/l - Marine water; 0.00135 mg/l - Sediment (Freshwater); 1 mg/kg - Soil; 0.8 mg/kg - STP; 300 mg/l - Sediment (Marinewater); 0.1 mg/kg

8.2. Exposure controls

Protective equipment

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.
Eye/face protection	The following protection should be worn: Chemical splash goggles. Refer to EN Standard 166 to select appropriate level of protection.
Hand protection	Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC). Refer to Standard EN 374.
Other skin and body protection	Wear suitable protective clothing as protection against splashing or contamination. Reference to EN 13832 and EN 943 is useful when selecting footwear and clothing.
Hygiene measures	Provide eyewash station and safety shower. Promptly remove non-impervious clothing that has become contaminated, provided it is not adhered to the skin. Wash contaminated clothing before reuse.
Respiratory protection	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Workplace Exposure Limit.
Environmental exposure controls	Do not allow the substance to contaminate surface water/ground water. See points 6, 12 &13.
General Health and Safety Measures.	The above requirements refer to the neat chemical. In-use solutions may have a lower classification, however, 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.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Pink.
Odour	Characteristic.
Odour threshold	Not applicable.
pH	pH (concentrated solution): 7 - 8
Melting point	Not applicable.
Initial boiling point and range	Not applicable.
Flash point	~35°C
Evaporation rate	Not applicable.

Evaporation factor	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	1.00 - 1.02
Bulk density	Not applicable.
Solubility(ies)	Soluble in water.
Partition coefficient	Not technically practical for mixtures.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not determined.
Explosive properties	Not applicable. Contains no Explosive Components.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not applicable. Contains no Oxidising Components.

9.2. Other information

Refractive index	Not applicable.
Particle size	Not applicable.
Molecular weight	Not relevant.
Volatility	Not applicable.
Saturation concentration	Not applicable.
Critical temperature	Not applicable.
Volatile organic compound	Not applicable.
Explosive Properties	Not Classified as Explosive
Storage Temperature Range	0 - 30°C

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Not expected to react when correctly stored and used. Mixing with other chemicals may produce unexpected reactions.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	FLAMMABLE. Refer to section 10.1.

10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Strong acids. Oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. - See section 10.5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 4,303.90751764

Acute toxicity - dermal

ATE dermal (mg/kg) 69,288.86527935

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 692.88865279

General information See section 4.2.

Inhalation Vapour may irritate respiratory system/lungs. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting. - See section 4.2.

Ingestion May cause nausea, headache, dizziness and intoxication. May cause discomfort if swallowed.

Skin contact There may be mild irritation at the site of contact. May cause sensitisation by skin contact.

Eye contact May cause serious eye damage.

SECTION 12: Ecological Information

Ecotoxicity This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

Toxicity Normal use is not expected to pose an ecological risk.

12.2. Persistence and degradability

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

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

12.5. Results of PBT and vPvB assessment

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.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1170
UN No. (IMDG)	1170
UN No. (ICAO)	1170
UN No. (ADN)	1170

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper shipping name (IMDG)	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper shipping name (ICAO)	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Proper shipping name (ADN)	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

Transport labels

14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	3
Emergency Action Code	•2Y

Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

EU legislation	European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures. This replaces Directive 67/548/EEC - Classification, Packaging and Labelling of Dangerous Substances and Regulation (EC) No. 453/2010 relating to the Classification, Packaging and Labelling of Dangerous Preparations. Also considered is the REACH Regulation (EC) No.1907/2006.

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 - Registration, Evaluation, Authorisation & restriction of CHemicals (Regulation EC 1907/2006). DNEL - Derived No Effect Limit. PNEC - Predicted No Effect Concentration. COSHH - Control of Substances Hazardous to Health. Industry - Refers in section 8 to application of the substance in an industrial process. Professional - Refers in section 8 to application/use of the preparation/product in a skilled trade premises.
General information	This document is a Safety Data Sheet, NOT a CoSHH assessment. It is the customer's responsibility to conduct a full CoSHH assessment, taking into account the information held within this document along with other local factors considered in a risk assessment. The Risk and Hazard statements listed below are the full text of abbreviations used in this document. They are not the final classification, for this refer to section 2.
Revision comments	Review in line with CLP Regulation.
SDS number	23015
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H331 Toxic if inhaled. H370 Causes damage to organs . 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. EUH208 Contains CITRAL, Geranyl acetate, d-Limonene. May produce an allergic reaction.

REACH extended MSDS comments	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 relevent 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 relevent information is incorporated into the safety data sheet.