

Product name BlueOcean Air Freshener Citrus  
 Product No. B3807

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

Identified uses hi-power citrus air freshener

**1.3. Details of the supplier of the safety data sheet**

BlueOcean  
 Kimberley Business Park  
 Blackness Lane  
 Keston  
 Kent  
 BR2 6HL  
 Tel: 0845 383 0070  
 Fax: 0845 383 0080  
 Email: enquiries@blueocean-global.com

**1.4. Emergency telephone number**

Tel: 0845 383 0070

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

Classification (67/548/EEC) F+;R12.

**2.2. Label elements**

Labelling



Extremely Flammable

Risk Phrases

R12 Extremely flammable.

Safety Phrases

S2 Keep out of the reach of children.  
 S16 Keep away from sources of ignition - No smoking.  
 S51 Use only in well-ventilated areas., P14 Contains CITRAL. May produce an allergic reaction.

**2.3. Other hazards**

PRESSURISED CONTAINER - increase in temperature to greater than 50C will cause internal pressure to rise potentially causing bursting/explosion.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**

Not Applicable

**3.2. Mixtures**

BUTANE CAS-No.: 106-97-8 Classification (EC 1272/2008) Flammable liquids, category 1 - H224	EEC (EINECS) No. 203-448-7	30-60% Classification (67/548/EEC) F+;R12
CITRAL CAS-No.: 5392-40-5 Classification (EC 1272/2008) Skin sensitisation, categories 1, 1A, 1B - H317 Skin irritation, category 2 - H315	EEC (EINECS) No. 226-394-6	<0.5% Classification (67/548/EEC) R43 Xi;R38

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

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

General information	Treat Symptomatically.
Inhalation	Move the exposed person to fresh air at once., Keep the affected person warm and at rest. Get prompt medical attention., For breathing difficulties oxygen may be necessary.
Ingestion	Rinse mouth thoroughly., Drink plenty of water., Get medical attention.
Skin contact	Wash the skin immediately with soap and water., Get medical attention if any discomfort continues.
Eye contact	Promptly wash eyes with plenty of water while lifting the eye lids., Continue to rinse for at least 15 minutes., Get medical attention if any discomfort continues.

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

Inhalation	High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting., Gas or vapour displaces oxygen available for breathing (asphyxiant)., Unconsciousness.
Ingestion	May cause burns in mucous membranes, throat, oesophagus and stomach., May cause stomach pain or vomiting.
Skin contact	No specific health warnings noted.
Eye contact	Irritation of eyes and mucous membranes.

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

Treat Symptomatically.

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

Extinguishing media Use:, Powder., Dry chemicals, sand, dolomite etc., Water spray, fog or mist.

**5.2. Special hazards arising from the substance or mixture**

Unsuitable extinguishing media

**5.3. Advice for firefighters**

Special Fire Fighting Procedures Self contained breathing apparatus and full protective clothing must be worn in case of fire. Containers close to fire should be removed or cooled with water., Use water to keep fire exposed containers cool and disperse vapours.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

For personal protection, see section 8.

**6.2. Environmental precautions**

Any spillage needs to be contained and not allowed to enter water courses

**6.3. Methods and material for containment and cleaning up**

Wear necessary protective equipment., Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate., If leakage cannot be stopped, evacuate area.

**6.4. Reference to other sections**

For personal protection, see section 8. For waste disposal, see section 13.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Keep away from heat, sparks and open flame., Avoid spilling, skin and eye contact., Ventilate well, avoid breathing vapours. Use approved

respirator if air contamination is above accepted level.

**7.2. Conditions for safe storage, including any incompatibilities**

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

**7.3. Specific end use(s)**

See product label for detailed usage and instructions.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
BUTANE	WEL	600 ppm1450 mg/m3	750 ppm1810 mg/m3	

WEL = Workplace Exposure Limits

**8.2. Exposure controls**

Protective equipment  
 Engineering measures Provide adequate general and local exhaust ventilation.  
 Hygiene measures DO NOT SMOKE IN WORK AREA!

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

Appearance	Aerosol.
Colour	Colourless.
Odour	Characteristic., Citrus
Comments	Information given relates to total aerosol container contents.
Relative density	0.55 @ 20 °C
pH-Value, Conc. Solution	Not applicable
Flash point (°C)	- 74
Auto Ignition Temperature (°C)	+ 405
Flammability Limit - Upper(%)	1.8
Flammability Limit - Lower(%)	10.0

**SECTION 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

Stable under normal temperature conditions.

**10.2. Chemical stability**

Stable under normal temperature conditions.

**10.3. Possibility of hazardous reactions**

None known

**10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition., Increase in temperature to greater than 50 degrees will cause rise in internal pressure with likelihood of bursting/explosion.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

Fire creates:, Toxic gases/vapours/fumes of:, Carbon monoxide (CO), Carbon dioxide (CO2).

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Toxicological information	No toxicological data is available for this mixture, however data can be provided for specific raw materials upon request.
Inhalation	High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting., Gas or vapour displaces oxygen available for breathing (asphyxiant)., Unconsciousness.
Ingestion	May cause burns in mucous membranes, throat, oesophagus and stomach., May cause stomach pain or vomiting.
Skin contact	No specific health warnings noted.
Eye contact	Irritation of eyes and mucous membranes.

**SECTION 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

Not regarded as dangerous for the environment.

**12.2. Persistence and degradability**

Degradability                      The product is biodegradable.

**12.3. Bioaccumulative potential**

Bioaccumulative potential        The product does not contain any substances expected to be bioaccumulating.

**12.4. Mobility in soil**

Mobility:                              The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

**12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or PvB substances

**12.6. Other adverse effects**

None known

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

Empty containers must not be burned because of explosion hazard., Dispose of waste and residues in accordance with local authority requirements.

**SECTION 14: TRANSPORT INFORMATION****14.1. UN number**

UN No. (ADR/RID/ADN)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950

**14.2. UN proper shipping name**

Proper Shipping Name:                      AEROSOLS, FLAMMABLE

**14.3. Transport hazard class(es)**

ADR/RID/ADN Class	2.1
IMDG Class	2.1
ICAO Class/Division	2.1
Transport Labels	Not Applicable

**14.4. Packing group**

IMDG Packing group                      N/A

ICAO Packing group

N/A

**14.5. Environmental hazards**

Environmentally Hazardous substance/Marine Pollutant No

**14.6. Special precautions for user**

Tunnel Restriction Code

n/a

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

Not relevant

**SECTION 15: REGULATORY INFORMATION**

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

UK Regulatory References	The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
Environmental Listing	Rivers (Prevention of Pollution) Act 1961., Control of Pollution (Special Waste Regulations) Act 1980.
Statutory Instruments	Control of Substances Hazardous to Health., The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Approved Code Of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes	Workplace Exposure Limits EH40., Introduction to Local Exhaust Ventilation HS(G)37., CHIP for everyone HSG (108). System of specific information relating to Dangerous Preparations. 2001/58/EC., Dangerous Preparations Directive 1999/45/EC., 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, including amendments., Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
EU Legislation	
National Regulations	The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007).

**15.2. Chemical Safety Assessment**

No chemical assessment has been carried out as this Safety Data Sheet is for a mixture

**SECTION 16: OTHER INFORMATION**

General information

The following risk phrases relate to the raw materials in the product and not the product itself:-

Revision Comments

Safety Data Sheet revised to be in accordance with EU Regulation No 453/2010 - REACH Regulations.

Revision Date 19/10/2011

Revision 5

Risk Phrases In Full R12 Extremely flammable. | R38 Irritating to skin., R43 May cause sensitisation by skin contact. |

Hazard Statements In Full  
 H224 Extremely flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.