



# HUGH CRANE

— Cleaning Equipment Limited —

South Walsham Road, Acle, Norwich NR13 3ES

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SDS Revision Date: July 2014

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## SAFETY DATA SHEET

# CRANBERRY AIR FRESHENER AEROSOL

### 1. Identification of the substance or the mixture and of the supplier

**Product Name:** Universal Washrooms Air Freshener Aerosol 750ml/270ml/75ml

**Product No:** Cranberry - 797031

**Supplier:** Hugh Crane (Cleaning Equipment) Ltd

South Walsham Road, Acle

Norwich NR13 3ES

**Telephone:** 01493 750072 Fax 01493 751854

### Relevant identified uses of the substances of mixture and uses advised against product uses

**Identified Uses:** Air Freshener

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

**Classification (EC 1272/2008):** Extremely flammable Aerosol H222

#### Label elements

Label in accordance with (EC 1272/2008)



**Signal Word:** Extremely Flammable

**Hazard Statements:** H222 Extremely Flammable Aerosol

**Precautionary Statements:** P102 Keep out of reach of children  
P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P251 Pressurised container. Do not pierce or burn even after use  
P501 Dispose of contents/container in accordance with Local Regulations

**Supplementary Precautionary Statements:** P273 Avoid release into the environment  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P370+378 In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Other hazards:** None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### Mixtures

Contains:

Name	CAS	EC	%	Classification for (CLP) 1272/2008
Petroleum Gases Liquefied	75-09-2	270-704-2	70-80%	Flam Gas 1, H220
Ethyl alcohol	64-17-5	200-578-6	<11.2%	FL 2-ED1 2; H225- H319,-
1-octanol,3,7-dimethyl	106-21-8	203-374-5	<0.03%	Xi-N; R 38-51/53
2-ethoxynaphthalene	93-18-5	202-226	<0.01%	Xi-N; R 38-51/53
(S) 4-(2,6,6-trimethyl-2-cyclohexan-1-yl)-3-methyl-3-buten-2-one	127-51-5	204-846-3	<0.03%	Xi-N; R 43-51/53
(S) Damascone	-	-	<0.01%	Xi: R 43
Dimethyl benzyl carbonyl butyrate	10094-34-5	233-221-8	<0.04%	N; R 51/53
Hexyl acetate	142-92-7	205-572-7	<0.13%	N; R 10-51/53
Ionone beta	14901-07-6	238-969-9	<0.13%	N; R 51/53

The full text for Hazard and Precautionary statements are listed in Section 16.

### 4. FIRST-AID MEASURES

#### Description of first aid measures

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



**Most important symptoms and effect, both acute and delayed.**

Causes eye irritation.

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

None expected, see section 4 for further information.

**5. FIREFIGHTING MEASURES**

**Extinguishing media**

**Suitable media:** Carbon dioxide, Dry chemical, Foam.

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

**In case of fire, may be liberated:** Carbon monoxide, unidentified organic compounds.

**Advice for fire fighters:** In case of insufficient ventilation, wear suitable respiratory equipment.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective** Avoid inhalation. Avoid contact with skin and eyes. See protective measures under section 7

**Eqpt & emergency procedures:** and 8.

**Environmental precautions:** Keep away from drains, surface and ground water, and soil.

**Methods and material for containment and cleaning up:** Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

**Reference to other sections:** Also refer to sections 8 and 13.

**7. HANDLING AND STORAGE**

**Precautions for safe handling:** Keep away from heat, sparks, open flames and hot surfaces. – No smoking.

**Conditions for safe storage,**

**including any incompatibilities:** Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

**Specific end use(s):** Use in accordance with good manufacturing and industrial hygiene practises.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters**

**Workplace exposure limits:**

<b>Ingredient</b>	<b>CAS</b>	<b>EC</b>	<b>STD</b>	<b>TWA – 8 Hrs</b>	<b>STEL- 15 Min</b>	<b>Reference</b>
Petroleum Gases Liquefied	75-09-2	270-704-2	WEL	100ppm (Sk)	300ppm (Sk)	UK EH40 Oct 2007
Ethyl alcohol	64-17-5	200-578-6	WEL	1000 ppm(Sk)	1920 ppm (Sk)	UK EH40 Oct 2007

**Exposure Controls**

Eye/Skin Protection:

Respiratory protection:

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Appearance:** Aerosol

**Odour:** As per fragrance

**Initial boiling point/range:** -40°C - -2°C

**Flash point:** -60°C

**Vapour pressure:** Aerosol pressurised to 70 psi

**Relative density:** 0.598

**Solubility (ies):** Soluble in alcohol, hydrocarbon solvents. Partially soluble in water.

**Other information:** None available

**10. STABILITY AND REACTIVITY**

**Reactivity:** Presents no significant reactivity hazard, by itself or in contact with water.

**Chemical stability:** Good stability under normal storage conditions.

**Possibility of hazardous reactions:** Not expected under normal conditions of use.

**Conditions to avoid:** Avoid extreme heat

**Incompatible materials:** Avoid contact with strong acids, alkalis or oxidising agents.

**Hazardous decomposition products:** Not expected



## 11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects:** This mixture has not been tested as a whole for health effects. The health effects have been calculated using the conventional method outlines in article 6(1)(a) of directive 1999.45.EC, in accordance with regulation (EC) No 1907/2206 (REACH). In addition, toxicity information for the mixture, if available, is provided below in accordance with methods given in regulation (EC) No 1272/2008.

Assumed toxicity value (LD50 or ATE) for acute oral toxicity:	Not applicable.
Assumed toxicity value (LD50 or ATE) for acute dermal toxicity:	Not applicable.
Assumed toxicity value (LD50 or ATE) for acute inhalation toxicity:	Not available.
Inhalation route:	Not available.

**Information about hazardous ingredients in the mixture:** Not applicable.

Refer to sections 2 and 3 additional information.

## 12. ECOLOGICAL INFORMATION

**Toxicity:** Not available

**Persistence and degradability:** Not available.

**Bioaccumulative potential:** Not available.

**Mobility in soil:** Not available.

**Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**Other adverse effects:** Not available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods:** Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. TRANSPORT INFORMATION

### UN Number

UN No (ADR/RID/ADN): 1950

UN No (IMDG): 1950

UN NO (ICAO): 1950

**UN Proper Shipping Name:** AEROSOLS

### Transport Hazard Class

**ADR/RID/AND Class:** 2.1

**ADR/RID/AND Class:** Class 2: Gases

**ADR Label No:** 2.1 & 6.1

**IMDG Class:** 2.1

**ICAO Class/Division:** 2.1

**ICAO Subsidiary Risk:** 6.1

**ICAO TEC\* No:** 20GSF

**Air Class:** 2.1

**UK Road Class:** 2.1

**Transport Labels:** L.Q.

**Packing Group**



Not Applicable

**Environmental Hazards:** Not environmentally hazardous for transport.

**Special Precautions for user:** None additional

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:**

Not applicable

## 15. REGULATORY INFORMATION

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

**Statutory instruments:** The chemicals (Hazard information and packaging for supply) regulations 2009 (S.I 2009 No. 716). Control of substances hazardous to health.



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<b>Approved code of practice:</b>	Classification and labelling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.
<b>Guidance notes:</b>	Workplace exposure limits EH40. Introduction to Local exhaust ventilation HS(G)37. CHIP for everyone HSG(108).
<b>EU Legislation:</b>	Dangerous substance directive 67/548/EEC. 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.
<b>Chemical safety assessment:</b>	A chemical safety assessment has not been carried out for this product.

## **16. OTHER INFORMATION**

<b>General Information:</b>	This product should be used as directed. For further information consult the product data sheet or contact Technical services.
<b>Information sources:</b>	This Safety Data Sheet was compiled using current safety information supplied by the distributor of raw materials.

### **Classification under regulation (EC) No 1272/2008**

**Class and category of Signal Word:** Flammable liquid, hazard category 1

Extremely Flammable

**Hazard statements:** H222, extremely flammable aerosol

**Precautionary Statements:** P201 Keep out of reach of children

P210, Keep away from heat, sparks, open flames and hot surfaces. – No smoking.

P251 Pressurised container. Do not pierce or burn, even after use.

P273 Avoid release into the environment.

P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact  
lenses, if present, and easy to do. Continue rinsing.

P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

P501 Dispose of contents/container to approved disposal site, in accordance with local  
regulations.

P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**SDS Revision Date:** JULY 2014

This advice is given by the supplier, who accept no legal liability for it. The information herein is based on the present state of our knowledge, and is intended to describe our products from the point of view of safety requirements. It should not, therefore, be construed as guaranteeing specific properties.

**End of Safety Data Sheet.**



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SDS Revision Date: July 2014

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## SAFETY DATA SHEET

# LEMON AIR FRESHENER AEROSOL

### 1. Identification of the substance or the mixture and of the supplier

**Product Name:** Universal Washrooms Air Freshener Aerosol 750ml/270ml/75ml

**Product No:** Lemon - 796941

**Supplier:** Hugh Crane (Cleaning Equipment) Ltd

South Walsham Road, Acle

Norwich NR13 3ES

**Telephone:** 01493 750072 Fax 01493 751854

### Relevant identified uses of the substances of mixture and uses advised against product uses

**Identified Uses:** Air Freshener

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

**Classification (EC 1272/2008):** Extremely flammable Aerosol H222

#### Label elements

Label in accordance with (EC 1272/2008)



**Signal Word:** Extremely Flammable

**Hazard Statements:** H222 Extremely Flammable Aerosol

**Precautionary Statements:** P102 Keep out of reach of children  
P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P251 Pressurised container. Do not pierce or burn even after use  
P501 Dispose of contents/container in accordance with Local Regulations

**Supplementary Precautionary Statements:** P273 Avoid release into the environment  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P370+378 In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Other hazards:** None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### Mixtures

Contains:

Name	CAS	EC	%	Classification for (CLP) 1272/2008
Petroleum Gases Liquefied	75-09-2	270-704-2	70-80%	Flam Gas 1, H220
Ethyl alcohol	64-17-5	200-578-6	<11.8%	FL 2-ED1 2; H225- H319, -
Allyl Hexanoate	123-68-2	204-642-4	<0.01%	Xn-N; R 21/22-38-51/53
Alpha-Terpinolene	586-62-9	209-578-0	<0.15%	Xn-N; R 10-51/53-65
Citronellyl Acetate	150-84-5	205-775-0	<0.01%	Xi-N; R 38-51/53
(L) d-para-Mentha-1,8-Diene	5989-27-5	277-813-5	<1.05%	Xi-N; R 10-38-43-50/53-65
(L) Geranal +Neral	5392-394-6	226-394-6	<0.19%	Xi; R 38-43
Hexamethylindanopyran	1222-05-5	214-946-9	<0.01%	N; R 50/53
Linalool	78-70-6	201-134-4	<0.22%	Xi; R 38

The full text for Hazard and Precautionary statements are listed in Section 16.

### 4. FIRST-AID MEASURES

#### Description of first aid measures

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Most important symptoms and effect, both acute and delayed.

Causes eye irritation.

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

None expected, see section 4 for further information.





## 5. FIREFIGHTING MEASURES

### Extinguishing media

**Suitable media:** Carbon dioxide, Dry chemical, Foam.

### Special hazards arising from the substance or mixture.

**In case of fire, may be liberated:** Carbon monoxide, unidentified organic compounds.

**Advice for fire fighters:** In case of insufficient ventilation, wear suitable respiratory equipment.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective** Avoid inhalation. Avoid contact with skin and eyes. See protective measures under section 7

**Eqpt & emergency procedures:** and 8.

**Environmental precautions:** Keep away from drains, surface and ground water, and soil.

**Methods and material for containment and cleaning up:** Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

**Reference to other sections:** Also refer to sections 8 and 13.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Keep away from heat, sparks, open flames and hot surfaces. – No smoking.

### Conditions for safe storage,

**including any incompatibilities:** Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

**Specific end use(s):** Use in accordance with good manufacturing and industrial hygiene practises.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

#### Workplace exposure limits:

Ingredient	CAS	EC	STD	TWA – 8 Hrs	STEL- 15 Min	Reference
Petroleum Gases Liquefied	75-09-2	270-704-2	WEL	100ppm (Sk)	300ppm (Sk)	UK EH40 Oct 2007
Ethyl alcohol	64-17-5	200-578-6	WEL	1000 ppm(Sk)	1920 ppm (Sk)	UK EH40 Oct 2007

### Exposure Controls

Eye/Skin Protection:

Respiratory protection:

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Appearance:** Aerosol  
**Odour:** As per fragrance  
**Initial boiling point/range:** -40°C - -2°C  
**Flash point:** -60°C  
**Vapour pressure:** Aerosol pressurised to 70 psi  
**Relative density:** 0.598  
**Solubility (ies):** Soluble in alcohol, hydrocarbon solvents. Partially soluble in water.  
**Other information:** None available

## 10. STABILITY AND REACTIVITY

**Reactivity:** Presents no significant reactivity hazard, by itself or in contact with water.

**Chemical stability:** Good stability under normal storage conditions.

**Possibility of hazardous reactions:** Not expected under normal conditions of use.

**Conditions to avoid:** Avoid extreme heat

**Incompatible materials:** Avoid contact with strong acids, alkalis or oxidising agents.

**Hazardous decomposition products:** Not expected

## 11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects:** This mixture has not been tested as a whole for health effects. The health effects have been calculated using the conventional method outlines in article 6(1)(a) of directive 1999.45.EC, in accordance with regulation (EC) No 1907/2206 (REACH). In addition, toxicity



information for the mixture, if available, is provided below in accordance with methods given in regulation (EC) No 1272/2008.

Assumed toxicity value (LD50 or ATE) for acute oral toxicity:

Not applicable.

Assumed toxicity value (LD50 or ATE) for acute dermal toxicity:

Not applicable.

Assumed toxicity value (LD50 or ATE) for acute inhalation toxicity:

Not available.

Inhalation route:

Not available.

**Information about hazardous ingredients in the mixture:** Not applicable.

Refer to sections 2 and 3 additional information.

## 12. ECOLOGICAL INFORMATION

**Toxicity:** Not available

**Persistence and degradability:** Not available.

**Bioaccumulative potential:** Not available.

**Mobility in soil:** Not available.

**Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**Other adverse effects:** Not available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods:** Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. TRANSPORT INFORMATION

### UN Number

**UN No (ADR/RID/ADN):** 1950

**UN No (IMDG):** 1950

**UN NO (ICAO):** 1950

**UN Proper Shipping Name:** AEROSOLS

### Transport Hazard Class

**ADR/RID/AND Class:** 2.1

**ADR/RID/AND Class:** Class 2: Gases

**ADR Label No:** 2.1 & 6.1

**IMDG Class:** 2.1

**ICAO Class/Division:** 2.1

**ICAO Subsidiary Risk:** 6.1

**ICAO TEC\* No:** 20GSF

**Air Class:** 2.1

**UK Road Class:** 2.1

**Transport Labels:** L.Q.

**Packing Group**



Not Applicable

**Environmental Hazards:** Not environmentally hazardous for transport

**Special Precautions for user:** None additional

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:**

Not applicable

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture:

**Statutory instruments:** The chemicals (Hazard information and packaging for supply) regulations 2009 (S.I. 2009 No. 716). Control of substances hazardous to health.

**Approved code of practice:** Classification and labelling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.

**Guidance notes:** Workplace exposure limits EH40. Introduction to Local exhaust ventilation HS(G)37. CHIP for everyone HSG(108).



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**EU Legislation:**

Dangerous substance directive 67/548/EEC. 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.

**Chemical safety assessment:**

A chemical safety assessment has not been carried out for this product.

**16. OTHER INFORMATION**

**General Information:**

This product should be used as directed. For further information consult the product data sheet or contact Technical services.

**Information sources:**

This Safety Data Sheet was compiled using current safety information supplied by the distributor of raw materials.

**Classification under regulation (EC) No 1272/2008**

**Class and category of Signal Word:** Flammable liquid, hazard category 1

Extremely Flammable

**Hazard statements:**

H222, extremely flammable aerosol

**Precautionary Statements:**

P201 Keep out of reach of children

P210, Keep away from heat, sparks, open flames and hot surfaces. – No smoking.

P251 Pressurised container. Do not pierce or burn, even after use.

P273 Avoid release into the environment.

P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing.

P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

P501 Dispose of contents/container to approved disposal site, in accordance with local regulations.

P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**SDS Revision Date:**

JULY 2014

This advice is given by the supplier, who accept no legal liability for it. The information herein is based on the present state of our knowledge, and is intended to describe our products from the point of view of safety requirements. It should not, therefore, be construed as guaranteeing specific properties.

**End of Safety Data Sheet.**





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## PRODUCT INFORMATION SHEET

# **PREMAIRE HIGHLY PERFUMED AIR FRESHENER**

- Product:** Premiaire is an intensely perfumed odour neutraliser, designed to fit into metered air freshener dispensers.
- System:** The Premiaire Aerosol features the American-style high dome, which fits the inner profile of most of the automatic metered dispensing units. Standard UK and European style aerosols will not fit these machines.
- Premiaire is now fitted with the latest 'soft spring' valve system, which is extremely battery-friendly./ Tests have proven that utilising this valve extends battery life by 2 or 3 more times than the previous valve.
- Applications:** Premiaire is formulated to remain suspended in the air for many hours, eliminating malodours. One unit, suitably placed, will fragrance approx. 6000 cubic feet. Each aerosol delivers 3000 applications. Set to spray at 20 minute intervals, one aerosol will last approx. 6 weeks.
- Premiaire is available in a wide range of perfumes; some extremely well suited to offices and boardrooms, whilst others find applications in nursing homes. Premiaire masks and then eliminates odours making it a must have in washrooms and other areas where bad odours flourish.
- Method of Use:** Position the Premiaire aerosol into the dispenser and set the timer to the desired interval. Ensure that the correct actuator is used for each individual dispenser, as even subtle differences can affect performance. Liability for incorrect actuator specification and usage is not accepted by Universal Washroom Solutions Ltd.

This Technical Data Sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous Data Sheets and if in doubt, contact the supplier.



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## SAFETY DATA SHEET

# PREMAIRE HIGHLY PERFUMED AIR FRESHENER

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product Name:** Premiaire Highly Perfumed Air Freshener  
**Product No.:** HC90149  
**Supplier:** Hugh Crane (Cleaning Equipment) Ltd  
South Walsham Road, Acle  
Norwich NR13 3ES  
**Telephone:** 01493 750072 **Fax** 01493 751854

### 2. HAZARDS IDENTIFICATION

Extremely flammable. Vapours are heavier than air and can travel long distances to a source of sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material  
- No Smoking.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC No	CAS No	Content	Classification
Ethanol	200-578-6	64-17-5	10%	F R11
Petroleum gases, Liquefied	270-704-2	68476-85-7	>50% (m/m)	F+, R12
Perfume (Generic)			8%	

The full text for all R phrases is displayed in Section 15.

### 4. FIRST AID MEASURES

**Inhalation:** No specific hazards under normal usage.  
**Ingestion:** None under normal usage.  
**Skin Contact:** Seek medical attention if irritation occurs.  
**Eye Contact:** Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and seek medical attention.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Use water spray, fog or mist, Alcohol resistant foam.  
**Unusual Fire & Explosion Hazards:** Aerosol cans may explode in a fire.  
**Protective Measures in Fire:** Wear suitable respiratory equipment when dealing with a fire.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid directly breathing vapour. Avoid skin and eye contact.  
**Spill Clean-Up Methods:** Absorb in vermiculite, dry sand or earth and place into containers.

### 7. HANDLING AND STORAGE

**Usage Precautions:** Keep away from heat, sparks and open flame. Avoid spilling and skin & eye contact.  
**Storage Precautions:** Flammable/combustible. Keep away from oxidisers, heat and flame. Ground container and transfer equipment to eliminate static electric sparks. Store at moderate temperatures in a dry, well ventilated area.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:**

NAME	STD	TWA 8 Hrs		STEL – 15 Min		Notes
Ethanol	WEL	1000 ppm	1920 mg/m <sup>3</sup>	750 ppm	1810 mg/m <sup>3</sup>	1810
Petroleum Gases Liquefied	WEL	1000 ppm	1750 mg/m <sup>3</sup>	1250 ppm	2180 mg/m <sup>3</sup>	333

**Ventilation:** None required under normal usage.  
**Respiratory Equipment:** Not required under normal usage.  
**Hand protection:** Avoid prolonged skin contact.  
**Eye protection:** None required under normal usage



## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Aerosol  
**Colour:** Clear  
**Odour:** Various  
**Solubility:** Soluble.  
**Flash point:** -40°C (propellant)

## 10. STABILITY AND REACTIVITY

**Stability:** Avoid – heat, sparks, flames.  
**Materials to avoid:** Strong alkalis. Strong acids. Strong oxidising substances.  
**Hazardous Decomposition Products:** None known.

## 11. TOXICOLOGICAL INFORMATION

**Inhalation:** Gas or vapour may irritate respiratory system.  
**Ingestion:** May cause discomfort if swallowed.  
**Skin Contact:** Prolonged contact may cause dryness of the skin. May cause sensitisation by skin contact.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Contamination of the terrestrial and aquatic environments should be avoided.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** Dispose of wastes and residues in accordance with local authority requirements.

## 14. TRANSPORT INFORMATION

**Labelling:**



**UK Road Class:** 2  
**Proper Shipping Name:** AEROSOLS  
**UN-No, Road:** 1950  
**ADR Class No:** 2.1  
**ADR Pack Group:** N/A  
**CEPIC TEC(R) No.:** 20G5F  
**RID Pack Group:** N/A  
**IMDG Class:** 2.1  
**IMDG Pack Gr:** N/A  
**MFAG:** See Guide  
**Air Class:** 2.1  
**Air Pack Gr:** N/A  
**UK Road Pack Gr:** N/A  
**ADR Class:** Class 2.1 – Gases  
**ADR Label:** 2.1  
**RID Class No.:** 2.1  
**UN No., Sea:** 1950  
**IMDG Page No.:** 2.1  
**EMS:** F-D, S-U  
**UN No. Air:** 1950  
**Air Sub Class:** N/A

## 15. REGULATORY INFORMATION

**Labelling:**



**Contains:** Extremely Flammable  
Alcohol, Liquefied Gases, Perfume  
**Risk Phrases:** R12 Extremely flammable.  
**Safety Phrases:** S1/2 Keep locked up and out of reach of children.  
S16 Keep away from sources of ignition – NO SMOKING  
S24 Avoid contact with skin.



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SDS Revision Date: July 2014

Print Date: 07/06/16

## **16. OTHER INFORMATION**

### **General Information:**

This product should be used as directed. For further information consult the product data sheet or contact Technical Services.

### **Information Sources:**

This Safety Data Sheet was compiled using current safety information supplied by distributor of raw materials.

### **Revision Comments:**

This Safety Data Sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous Data Sheets and if in doubt, contact the supplier.

### **Revision Date:**

March 2013

This advice is given by the manufacturer who accepts no legal liability for it. The information herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not, therefore, be construed as guaranteeing specific properties.

**End of Safety Data Sheet**