



**SAFETY DATA SHEET**

**Expressions Aerosol**

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY**

**Product name** Expressions Aerosol  
NEUTRALLE Metered aerosols - Air Neutralizers.

**Intended use** Fragranced metered aerosol space sprays designed for use in proprietary automated dispensers.

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**Informing Department** Technical Services Department.

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Description** Mixture of organic solvents, perfume and propane/iso-butane (propellant)

**Hazardous ingredients**

	Conc.	CAS	EINECS	Symbols/Risk phrases
Ethanol	10-20%	64-17-5	200-578-6	F; R11
Isopropanol (Propan-2-ol)	10-20%	67-63-0	200-661-7	F; R11 Xi; R36 R67
Citronellol	0-0.5%	106-22-9	203-375-0	Xi;R38 Xi;R43 N;R51/53
Citral	0-0.5%	5392-40-5	226-394-6	Xi; R38 R43
Hexyl Cinnamal	0-0.5%	101-86-0	202-983-3	Xi; R43
para-Mentha-1.4 (8)-diene	0-0.5%	586-62-9	209-578-0	R10 N;R51/53 Xn;R65
Turpentine, oil (Turpentine)	0-0.5%	8006-64-2	232-350-7	R10 Xn; R20/21/22-65 Xi; R36/38 R43 N; R51/53

**Additional Information:** Full text for all Risk Phrases mentioned in this section are displayed in Section 16.

**3. HAZARDS IDENTIFICATION**

**Main hazards** Extremely flammable.

**Other hazards** Extremely flammable.

**Classification system** The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

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## 4. FIRST AID MEASURES

<b>Skin contact</b>	Remove contaminated clothing. Wash all contaminated clothing before reuse. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>Inhalation</b>	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Carbon dioxide (CO2) Alcohol resistant foam. Do NOT use water jet.
<b>Fire hazards</b>	carbon oxides may be formed in fire conditions.
<b>Protective equipment</b>	Wear suitable protective clothing. Wear suitable protective equipment.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Wear suitable protective equipment. Evacuate personnel to a safe area.
<b>Environmental precautions</b>	No environmental requirements.
<b>Clean up methods</b>	Ensure adequate ventilation. Absorb liquid components with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).

## 7. HANDLING AND STORAGE

<b>Handling</b>	Wear suitable protective equipment.
<b>Storage</b>	Ensure adequate ventilation of the working area. Keep in a cool, dry, well ventilated area. Heat will increase pressure in sealed containers. Keep away from sources of ignition - No smoking. Pressurised container. Protect from 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. Do not store with strong oxidising agents. Strong acids. Protect from heat and direct sunlight. Observe official regulations on storing packagings with pressurised containers.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Ethanol	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: -
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250
Turpentine, oil (Turpentine)	WEL 8-hr limit ppm: 100 WEL 15 min limit ppm: 150	WEL 8-hr limit mg/m3: 566 WEL 15 min limit mg/m3: 850

### Engineering measures

Ensure adequate ventilation of the working area. The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### Occupational exposure controls

Wash hands during breaks and at the end of the work.

### Respiratory protection

Not required, but ensure adequate ventilation when using the product.

### Hand protection

Not required when used as directed. Wash hands after handling the product.

### Eye protection

Not required when used as directed.

### Protective equipment

Not required when used as directed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Aerosol.
Colour	According to Product specification.
Odour	Characteristic.
Boiling point	Not applicable, as aerosol.
Flash point	Not applicable, as aerosol.
Explosive	1.2 - 23.5 vol %
Vapour pressure	5.0 - 5.5 bar
Relative density	0.623 ± 0.006 g/cm <sup>3</sup>
Melting point	Not applicable, as aerosol.
Autoignition temperature	Product is not self-igniting.
Further information	Product is not explosive. However, formation of explosive air/steam mixtures is possible.

## 10. STABILITY AND REACTIVITY

Stability	Will not decompose if stored and used as recommended.
Conditions to avoid	Keep away from sources of ignition - No smoking. Protect from heat and direct sunlight. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.
Materials to avoid	Strong oxidising agents. Strong acids.
Hazardous decomposition products	carbon oxides may be formed in fire conditions.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity	No data is available on this product.
Sensitization	May cause sensitisation by skin contact.

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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No data is available on this product.
<b>Bioaccumulation</b>	Does not bioaccumulate.
<b>Further information</b>	Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
<b>Disposal of packaging</b>	Dispose of in compliance with all local and national regulations.

## 14. TRANSPORT INFORMATION

### ADR/RID

<b>UN 1950</b>	<b>Packing group -</b>
<b>Class 2</b>	<b>Hazard ID -</b>
<b>Proper Shipping Name</b>	<b>AEROSOLS .</b>

<b>Remarks</b>	UN 1950 AEROSOLS should be placed inside the diamond shaped label. Goods are classed as "Limited Quantities" and are therefore exempt from ADR regulations. Check local legislation for domestic transport.
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### IMDG

<b>UN 1950</b>	<b>Packing group -</b>
<b>Class 2</b>	<b>Marine pollutant NO</b>
<b>EmS Code</b>	<b>F-D S-U</b>


<b>Remarks</b>	"Limited Quantity" AEROSOLS is required according to IMDG regulations
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### IATA

<b>UN 1950</b>	<b>Packing group -</b>
<b>Class 2</b>	<b>Subsidiary risk see SP63</b>

<b>Remarks</b>	"Limited Quantity" .
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## 15. REGULATORY INFORMATION

<b>Labelling</b>	The product is classified in accordance with 67/548/EEC. For professional use only.
<b>Symbols</b>	F+ - Extremely flammable 
<b>Risk phrases</b>	R12 - Extremely flammable.
<b>Safety phrases</b>	P10 - Contains citronellol, citral, hexyl cinnamal. May produce an allergic reaction. S2 - Keep out of the reach of children. S16 - Keep away from sources of ignition - No smoking. S23 - Do not breathe gas/fumes/vapour/spray. S51 - Use only in well-ventilated areas.
<b>Further information</b>	Pressurised container: protect from 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.

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## 16. OTHER INFORMATION

<b>Text of risk phrases in Section 2</b>	R10 - Flammable. R11 - Highly flammable. R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R36 - Irritating to eyes. R36/38 - Irritating to eyes and skin. R38 - Irritating to skin. R43 - May cause sensitisation by skin contact. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. R67 - Vapours may cause drowsiness and dizziness.
<b>Informing Department</b>	Technical Services Department. Mr. K. Anderson.
<b>Data sources</b>	Raw Material Data Sheets. EH40/2005 Occupational Exposure limits (UK)
<b>Further information</b>	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.