

Clean Air Aerosol

Date: 12.09.2010

Date of revision:

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

Product identifier: Clean Air Aerosol

Synonyms: 105821 - Mini Clean Air Aerosol
105732 - Maxi Clean Air Aerosol
106072 - Maxiplus Clean Air Aerosol

Relevant identified uses of the substance/mixture and uses advised against:
Air freshener - aerosol.

Details of the supplier of the safety data sheet:

Hygiene Vision Limited
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Stamford
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Emergency telephone number: +44 7545 429399.
The UK National Poisons Emergency number: +44 870 600 6266.

2. Hazards identification:

Classification of the substance or mixture:

Label elements:



Extremely flammable

Contains: Ethanol, butane and propan-2-ol.

R-phrases: 12- Extremely flammable

S-phrases: 2- Keep out of the reach of children
9- Keep container in a well-ventilated place
16- Keep away from sources of ignition - No smoking
23- Do not breathe vapour/spray
24/25- Avoid contact with skin and eyes
51- Use only in well-ventilated areas

Special labelling: Pressurized 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.

Other hazards: No data given.

3. Composition/information on ingredients:

Chemical nature: A mixture of organic solvents, perfume and propane/iso-butane (propellant).

Substances:

| Chemical name | CAS no. | EINECS no. | Weight % | Symbol(s) | R-phrases | CLP-classification |
|---|-------------|------------|---------------|-------------------------|-------------|---|
| Ethanol | 64-17-5 | 200-578-6 | 5 - 10 | F - GHS02 | 11 | Flam. liq. 2: H225 |
| Butane | 106-97-8 | 203-448-7 | < 5 | Fx - GHS02; GHS04 | 12 | Flam. gas 1: H220 Press. gas |
| Propan-2-ol | 67-63-0 | 200-661-7 | < 10 | Xi; F - GHS02; GHS07 | 11-36-67 | Flam. liq. 2: H225 Eye irrit. 2: H319 STOT SE 3: H336 |
| Linalool | 78-70-6 | 201-134-4 | < 0,9 - < 3 | Xi - GHS07 | 38 | Skin irrit. 2: H315 |
| 2-phenylethanol | 60-12-8 | 200-456-2 | < 0,1 - < 0,5 | Xi - GHS07 | 36 | Eye irrit. 2: H319 |
| 2,6-octadienal,3,7-dimethyl, acid isomerised | 90480-35-6 | 291-768-8 | < 0,1 - < 0,5 | F; Xi - GHS02; GHS07 | 11-38-52/53 | Flam. aer. 2: H223 Skin irrit. 2: H315 Aquatic chronic 3: H412 |
| 3-methyl-5-phenylpentanol | 55066-48-3 | 259-461-3 | < 0,1 - < 0,5 | Xi - GHS05 | 41 | Eye dam. 1: H318 |
| [3R-(3a,3ab,7b,8aa)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one | 323388-55-9 | 251-020-3 | < 0,1 - < 0,5 | N - / | 50/53 | Aquatic acute 1: H400 Aquatic chronic 1: H410 |
| p-menth-1-en-8-ol | 98-55-5 | 202-680-6 | < 0,5 - < 2 | Xi - GHS07 | 38 | Skin irrit. 2: H315 |
| (L) Citronellol | 106-22-9 | 203-375-0 | < 0,1 - < 0,2 | Xi; N - GHS07 | 38-43-51/53 | Skin irrit. 2: H315 Skin sens. 1: H317 Aquatic acute 1: H410 Aquatic chronic 2: H411 |

Full text for R-phrases and H-phrases, see section 16.

4. First Aid measures:

Description of first aid measures:

Generally: If in doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Ensure that persons giving first aid treatment do not get contaminated by product spills etc. Wear suitable protective clothing, safety goggles, see also section 8.

Inhalation: Remove patient to fresh air, allow to rest and keep warm. If symptoms develop seek medical attention.

Eye contact: Flush immediately with plenty of water for at least 15 minutes, keeping eyelids open. If symptoms develop seek medical attention.

Skin contact: Wash with plenty of soap and water. Remove contaminated clothing and launder before reuse. If symptoms develop seek medical attention.

Ingestion: Do NOT induce vomiting. Rinse out mouth with water, but do NOT give anything to drink. If symptoms develop seek medical attention.

Medical advice: No specific antidote. Treat symptomatically.

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Most important symptoms and effects, both acute and delayed:

- Inhalation:** Inhalation of vapours in high concentrations may lead to irritation of eyes, nose and respiratory tract.
Eye contact: No data given.
Skin Contact: No data given.
Ingestion: No data given.

Indication of any immediate medical attention and special treatment needed:

No data given.

5. Fire fighting measures:

Extinguishing media:

Use powder, CO₂ or alcohol resistant foam.

Unsuitable extinguishing media:

Direct water jet will scatter the containers and spread the fire.

Special hazards arising from the substance/mixture:

Exposed to heat/fire may cause bursting of the aerosol containers.

Advice for fire fighters:

Wear suitable protective equipment including self-contained breathing apparatus.

6. Accidental release measures:

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment, see section 8. Avoid causing sparks.

Environmental precautions:

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. Do not flush into surface water.

Methods and material for containment and cleaning up:

On soil: Physically collect containers. If not punctures, reuse. If bags are punctured, absorb liquid with non-flammable material such as sand, earth or vermiculit. Collect and place in suitable, closable container for safe disposal. Clean contaminated area thoroughly. Avoid causing sparks.

On water: Physically collect containers. Inform relevant authorities if contents leak.

Reference to other sections:

For disposal, see section 13.

7. Handling and storage:

Precautions for safe handling:

Keep away from children. Avoid sources of ignition. Do NOT smoke whilst handling/using this product. Avoid contact with skin and eyes. Handle and open containers carefully. Use only in well ventilated areas. Vapours are heavier than air and may spread along floors to a remote source of ignition.

Conditions for safe storage, including any incompatibilities:

Store at temperatures below 50 °C in a dry place. Protect from direct sunlight. Keep container closed when not in use.

Specific end use(s):

No data given.

8. Exposure controls/personal protection:

Engineering controls: Ensure adequate ventilation. Provide for eye wash station.

Control parameters: **Occupational exposure limits - EH40/2005:**

| | <u>8hr TWA:</u> | | <u>15min STEL:</u> | |
|--------------|-----------------|------------------------|--------------------|------------------------|
| Ethanol: | 1000 ppm | 1920 mg/m ³ | - | - |
| Butane: | 600 ppm | 1450 mg/m ³ | 750 ppm | 1810 mg/m ³ |
| Propan-2-ol: | 400 ppm | 999 mg/m ³ | 500 ppm | 1250 mg/m ³ |

Exposure controls/personal protection:

Respiratory protection: Not required when used as directed. If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators to EN 136 fitted with filter AX.

Hand protection: Not required when used as directed. For prolonged or repeated exposure Butyl or PVC gloves may be suitable (Breakthrough times can vary depending on thickness, use and source. Change gloves regularly). Gloves should be selected in consultation with the glove supplier, with information on effects from other chemical substances in the work place.

Eye/face protection: Not required when used as directed. Use goggles when splash hazards exist.

Skin protection: Not required when used as directed.

9. Physical and chemical properties:

General information:

Appearance: Aerosol
Colour: -
Odour: Fragranced

Information on chemical properties:

Flash point: < 0 °C
Solubility: Liquid contents soluble in water

Other information: No data given.

Note: These are typical values and do not constitute a specification.

10. Stability and reactivity:

Reactivity: No data given.

Chemical stability: Stable under recommended storage conditions, see section 7.

Conditions to avoid: Avoid excessive heat and sources of ignition.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: None known.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

11. Toxicological effects:

Information on toxicological effects:

- Acute toxicity:** No data available on product but based on the ingredients not considered hazardous to human health under normal circumstances of use.
- Inhalation:** Inhalation of vapours in high concentrations may lead to irritation of eyes, nose and respiratory tract.
- Eye contact:** No data given.
- Skin Contact:** No data given.
- Ingestion:** No data given.

12. Ecological information:

Toxicity: No data available on product but, based on the ingredients, not considered hazardous to the environment.

- Mobility in soil:** No data given.
- Results of PBT and vPvB assessment:** No data given.
- Persistence and degradability:** No data given.
- Other adverse effects:** No data given.
- Bioaccumulative potential:** No data given.

Environmental precautions:

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13. Disposal considerations:

Waste treatment methods:

Material should be disposed of in accordance with local and National regulations via a licensed waste contractor.

14. Transport information:

ADR/RID:

Shipping name: Aerosols, flammable

| UN* no. | Class | Class. code | Pack.grp. | Label | Special provisions | LQ | Packing | | | Tunnel code |
|---------|-------|-------------|-----------|-------|--------------------|--------|--------------|---------------------|-------------|-------------|
| | | | | | | | Instructions | Special provisions | Mixed pack. | |
| 1950 | 2 | 5F | - | 2.1 | 274 640E 601 | 2 / E0 | P003/LP02 | PP17/PP87 RR6/L2 | MP9 | 2 (D) |

Shipped as limited quantities, so exempt from all other ADR Regulations.

IMDG:

Shipping name: Aerosols, flammable

| UN no. | Class | Pack.grp | Limited quantities | EMS |
|--------|-------|----------|--------------------|----------|
| 1950 | 2 | - | 5 l | F-D, S-U |

Marine pollutant: no

Shipped as limited quantities, so exempt from all other IMDG Regulations.

ICAO/IATA:

Shipping name: Aerosols, flammable

| UN no. | Class | Pack.grp | Label |
|--------|-------|----------|-------|
| 1950 | 2 | - | 2.1 |

Shipped as limited quantities, so exempt from all other ICAO/IATA Regulations.

15. Regulatory information:

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

Note council directive 94/33/EC on the protection of young people at work.

Chemical safety assessment:

No data given.

16. Other information:

Text for R-phrases in section 3:

- 10- Flammable
- 11- Highly flammable
- 12- Extremely flammable
- 36- Irritating to eyes
- 38- Irritating to skin
- 41- Risk of serious damage to eyes
- 43- May cause sensitisation by skin contact
- 50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- 51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- 52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- 67- Vapours may cause drowsiness and dizziness

Text for H-phrases in section 3:

- H220- Extremely flammable gas
- H223- Flammable material
- H225- Highly flammable liquid and vapour
- H315- Causes skin irritation
- H317- May cause an allergic skin reaction
- H318- Causes serious eye damage
- H319- Causes serious eye irritation
- H336- May cause drowsiness or dizziness
- H400- Very toxic to aquatic life
- H410- Very toxic to aquatic life with long lasting effects
- H411- Toxic to aquatic life with long lasting effects
- H412- Harmful toxic to aquatic life with long lasting effects

References:

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.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

Updated:

Updated in section:

The directions are given assuming the product is used for it's normal purpose. It is however always the responsibility of the user to comply with national legislation's. The information in this Safety Data Sheet should be understood as a description for safe handling of the product and is no guarantee for the properties of the product.