



**NAB Marketing Pty Ltd**  
Quality Cleaning Products and Equipment

## ***Material Safety Data Sheet***

### ***AFS: Airfreshener***

#### ***1. Identification of the Substances***

##### ***Product Details***

*Product Name:* SILVER BELL SERIES METERED AIR FRESHENER AEROSOL

*Product Item:* SBF-033-01

*Intended Use:* Air freshener

#### ***2. Composition/ Information on Ingredients***

##### ***Substance/preparation: Preparation***

*Information on hazardous :* This product contains the following hazardous ingredient(s)

*Ingredients :* According to the criteria of Directive 2001/58/EC

<b>Chemical name</b>	<b>EC number</b>	<b>%</b>	<b>symbol</b>	<b>R-Phrases</b>
<b>Butane</b>	<b>203-448-7</b>	<b>47.2</b>	<b>F+</b>	<b>R12</b>
<b>Iso butane</b>	<b>200-857-2</b>	<b>11.2</b>	<b>F+</b>	<b>R12</b>
<b>Propane</b>	<b>200-827-9</b>	<b>20.8</b>	<b>F+</b>	<b>R12</b>
<b>Ethanol</b>	<b>200-578-6</b>	<b>10</b>	<b>F</b>	<b>R11</b>
<b>[3R-(3alpha, 3abeta, 6beta, 7beta, 8alpha)]-Octahydro-6-methoxy-3, 6, 8, 8-tetramethyl-1H-3a, 7-methanoazulene</b>	<b>243-384-7</b>	<b>2</b>	<b>X1</b>	<b>R36/38</b>
<b>1-[1, 2, 3, 4, 5, 6, 7, 8-Octahydro-2, 3, 8, 8-tetremethyl-2-naphthyl)ethan-1-one</b>	<b>259-174-3</b>	<b>2</b>	<b>N</b>	<b>R51/53</b>
<b>3, 7-Dimethyl octan-3-yl acetate</b>	<b>244-033-0</b>	<b>1.5</b>	<b>X1, N</b>	<b>R38-51/53</b>

Reference is made to heating 16. Where the full text of each relevant R phrase is listed

Occupational Exposure Limit(s), if relevant, are listed in section 8.

#### ***3. Hazard Identification***

**Classification:** Extremely flammable.

**Physical/chemical hazards:** Extremely flammable

**Important:** Pressurized container, protect from sunlight and do not expose to temperatures exceeding 50°C.

Aerosol may explode from internal pressure build-up when exposed to temperatures exceeding 50°C

Do not pierce or burn after use.

Do not spray on a naked flame or any incandescent material.

Keep away from sources of ignition.

No smoking. Do not spray near fire sources of heat or live electrical equipment

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**Environmental hazards:** Based on the composition as indicated in chapter 2 the product is ecological not classified as dangerous to the environment. No research on the product has been performed.

**Human health hazards:** low hazard for usual industrial or commercial handling.

**Other information:** Keep out of reach children. Do not breathe spray. Use only in well-ventilated areas.

#### ***4. First-Aid Measures***

**Eye Contact:** Not applicable for normal use. May cause prickling of the eyes.

**Skin Contact:** Not applicable for normal use. In case of frequent contact with skin, product may cause redness of skin.

**Inhalation:** Not applicable for normal use. The spray may cause prickling of the respiratory system.

**Ingestion:** Not applicable for normal use

#### ***5. Fire-Fighting Measures***

**Suitable:** Cool down intact aerosol containers with water to prevent bursting in case aerosols burst. Extremely flammable propellants will be released with possible risk of explosion.

In the case of bursting the following extinguishing media may be used: water spray, CO<sub>2</sub>, foam or dry chemical.

**Not suitable:** Water jet

**Unusual fire/explosion hazards:** Aerosol may explode from internal pressure build-up when exposed to temperatures exceeding 50°C, Water may be used to cool container and prevent explosion of the aerosol.

**Hazardous thermal (de)composition products:** It decomposes into non harmful products in case of complete combustion

**Protection of fire-fighters:** Fire-fight intact aerosols from a sheltered position. In case of insufficient ventilation, wear suitable respiratory equipment.

#### ***6. Accidental Release Measures***

**Personal Precautions:** Respiratory protection is not required if good ventilation is maintained. Do not breathe spray. In case of excess spillage wear gloves. For details see chapter 8

**Environmental precautions:** In case of excess spillage. Prevent contamination of soil and water. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.

**Methods for Cleaning Up:** In the event of spillage or leakage, mop up main product with cloth. Dispose of in accordance with the local legislation. Collect aerosol cans for destruction in an approved container. Do not incinerate aerosol containers. Dispose at an authorized chemical waste collection point.

#### ***7. Handling and Storage***

**Important:** Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Aerosol may explode from internal pressure build-up when exposed to temperatures exceeding 50°C. Do not pierce or burn after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition-No smoking. Do not spray near fire, sources of heat or live electrical equipment. Handle in accordance with good occupational hygiene and safety practices and only in well-ventilated areas. Do not breathe spray.

**Storage:** Protect from sunlight and keep away from heat.

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### ***8. Exposure Controls/Personal Protection***

**Engineering measures:** Use only in well-ventilated areas. Process must only be carried out in a flame-proof area with flame-proof equipment.

**Hygienic measures:** When handling, do not eat, drink or smoke.

<u>Occupational Exposure</u>	: No occupational exposure limits are known on the product, but
<u>Limits</u>	some are available on the hazardous ingredients defined in section 2.
<u>Chemical name</u>	: Butane
"MAC"(Netherlands)	: TWA-8 hours:1430 mg/m <sup>3</sup> (600 ppm)
<u>Chemical name</u>	: Isobutane
"MAC"(Netherlands)	: Butane:TWA- HOURS:1430 mg/m <sup>3</sup> (600 ppm)
<u>Chemical name</u>	: Propane
"MAC"(Netherlands)	: Not established.Oxygen expelling gas.
<u>Chemical name</u>	: Ethanol
"MAC"(Netherlands)	: Twa-8 hours:1000 mg/m <sup>3</sup> (500 ppm)
<u>Personal protective equipment</u>	:In case of normal use, no specific personal protective equipment is required.
Respiratory system	: In case of excess spillage wear:filter mask, type A.
Hands	: In case of excess spillage wear:nitril rubber gloves

### ***9. Physical and Chemical Properties***

Physical state	: Aerosol
Colour	: Colourless
Odour	: Characteristic
Boiling Point	: > =42°C
Specific gravity (H <sub>2</sub> O=1)	: 0.60-0.65kg/l
PH	: Not applicable
Solubility in water	: Miscible (concentrate)
Fat solubility	: Not established
Partition coefficient :n-Octanol/water	: Not established
vapour pressure	: 3.3 - 4.2 ato (25°C)
vapour density	: Not established
Evaporation rate	: Not established
Viscosity	: Not applicable
Flammability	: Extremely flammable
Flash point	: Not applicable
Explosive properties	: Not established
Lower explosion limit	: Butane: 1.3 volume % in air
Upper explosion limit	: Propane:9.5 volume % in air
Oxidising properties	: Not oxidizing



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## ***10. Stability and Reactivity***

**Stability:** Stable under normal temperatures under pressures.

**Materials to Avoid:** Not applicable

**Condition to Avoid:** Keep away from sources of ignition and sources of heat

**Hazardous Decomposition Products:** None

## ***11. Toxicological Information***

The product is not classified as being dangerous to health on basis of the calculation criteria for the formula ingredients as laid down in EC Directives 99/45/EC and 67/548/EEC. No toxicological research on the product has been performed .

### **Toxicologic effects and symptoms:**

Eye contact: Not applicable for normal use. May cause prickling of the eyes.

Ingestion: Not applicable for normal use.

Inhalation: Not applicable for normal use. The spray may cause prickling of respiratory system.

Skin contact: Not applicable for normal use. In case of frequent contact with skin product may cause redness of skin.

## ***12. Hazard identification***

Based on the composition as indicated in chapter 2, the product is not classified as dangerous to the environment. No ecological research on the product has been performed.

## ***13. Disposal Considerations***

Methods of disposal: Disposal in accordance with the local legislation

## ***14. Transport Information***

**Proper Shipping Name:** Aerosols

**Inland waterways:** Not available

<b>Sea</b>	<b>This product is not classified according to IMDG</b>
<b>IMDG Class</b>	<b>: 2</b>
<b>IMDG Page number</b>	<b>: 2102</b>
<b>Marine pollutant</b>	<b>: No</b>
<b>Air</b>	
<b>UN/ID Number</b>	<b>: 1950</b>
<b>IATA-DGR</b>	<b>: 2</b>



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## ***15. Regulatory Information***

**Ec Regulations**

**EC Classification**

**(67/548/EC-99/45/EC) and  
other relevant regulations**

**Hazard symbol(s)**

**: F+**



**Risk phrases**

**R12 Extremely flammable**

**Safety phrases**

**S2: Keep out of reach of children**

**S16: Keep away from sources of ignition-No smoking**

**S23: DO not breathe spray**

**S51: Use only in well-ventilated area.**

## ***16. HAZARD IDENTIFICATION***

**Full text of indicated R-phrases for the ingredients mentioned in chapter 2**

**R11:Highly flammable.**

**R12 Extremely flammable**

**R38: Initating to skin**

**R50: Very toxic to aquatic organisms. May cause long-term effects in the aquatic environment.**

### ***Further Information:***

This sheet confirms to EC directive 2001/58/EC dated 27 July 2001. The information contained in this sheet is to the best of our knowledge true and accurate but all data .Instructions, recommendations and /or suggestions are made without guarantee.

***Date Issued:*** 12th December 2020