



## MATERIAL SAFETY DATA SHEET

## Ice Sensations Air Freshener – Fire &amp; Ice

**1 - IDENTIFICATION OF THE PRODUCT AND COMPANY**

|                                   |  |
|-----------------------------------|--|
| PRODUCT NAME                      | Ice Sensations Air Freshener – Fire & Ice  |
| PRODUCT CODE                      | SH564  |
| APPLICATION                       | Vehicle Interior Air Freshener   |
| SUPPLIER AND MANUFACTURER         | Shield Chemicals (Pty) Ltd<br>No. 9 London Road,<br>Apex,<br>Benoni<br>Gauteng<br>South Africa |
| CONTACT NUMBERS                   | T) +27-11-421-7111<br>F) +27-11-421-0475   |
| O/H 07h30 – 17h00 Monday – Friday |  |
| WEB ADDRESS                       | <a href="http://www.shieldchem.co.za">www.shieldchem.co.za</a>                                 |
| E-MAIL ADDRESS                    | <a href="mailto:info@shieldchem.co.za">info@shieldchem.co.za</a>                               |

**2 - COMPOSITION/INFORMATION ON INGREDIENTS**

| Name   | CAS #      | Amount |
|--|------------|--------|
| Benzyl Acetate   | 140-11-4   | 0.1-1% |
| Dipropylene glycol   | 25265-71-8 | 30-45% |
| Dihydromyrcenol  | 18479-58-8 | 1-2.5% |
| Geraniol   | 106-24-1   | 1-2%   |
| 2-Phenylethanol  | 60-12-8    | 0.1-1% |
| Methyl 3-oxo-2-pentylcyclopentaneacetate                                 | 24851-98-7 | 1-3%   |
| 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-ones | 68155-66-8 | 1-3.5% |
| 4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-one                      | 79-77-6    | 1-1.5% |
| 3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one             | 127-51-5   | 1-1.5% |
| 3-(4-tert-Butylphenyl)-2-methylpropanal                                  | 80-54-6    | 0.1-1% |

**3 - HAZARDS IDENTIFICATION**

Direct contact with undiluted product may cause irritations of the skin and eyes.

**4 - FIRST AID MEASURES**

|              |   |
|--------------|---|
| INHALATION   | In case of excessive inhalation, remove victim from the source of exposure and seek medical attention immediately.  |
| INGESTION    | NEVER INDUCE VOMITING. Seek medical attention immediately.  |
| SKIN CONTACT | Wash thoroughly with soap and water. Remove contaminated clothing.<br>If irritation persists, seek medical attention.   |
| EYE CONTACT  | Make sure to remove any contact lenses from the eyes before rinsing. Rinse thoroughly with plenty of water for 15 minutes.<br>If irritation persists, seek medical attention. |

**5 - FIRE-FIGHTING MEASURES**

|                      |  |
|----------------------|--|
| CLASSIFICATION       | Combustible liquid   |
| EXTINGUISHING MEDIA  | Use Foam, Carbon dioxide (CO <sub>2</sub> ) or dry powder extinguishers.                         |
| EXPOSURE HAZARDS     | Combustion liberates carbon dioxide, carbon monoxide and smoke.<br>Do not inhale fumes and smoke |
| PROTECTIVE EQUIPMENT | Use self-contained breathing apparatus. Wear full protective clothing.                           |

**6 - ACCIDENTAL RELEASE MEASURES**

|                     |   |
|---------------------|---|
| Method of disposal  | Absorb onto dry sand if possible, and dispose of safely in accordance with local regulations. Avoid discharge into sewerage and public water systems. |
| Personal Protection | Wear gloves, goggles and respiratory protection. Remove ignition sources. Provide good ventilation.   |

## 7 - HANDLING AND STORAGE

|          |  |
|----------|--|
| HANDLING | Do not ingest. Do not add any other substances to this product.  |
| STORAGE  | Store in a dry, ventilated area at a temperature between 15°C - 25°C. Keep away from heat or sources of ignition. Keep away from oxidizing or flammable materials. |

## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

|                 |  |
|-----------------|--|
| EYE PROTECTION  | When handling this product wear suitable eye/face protection.  |
| HAND PROTECTION | For prolonged use, make use of gloves that are resistant to solvents.  |
| SKIN PROTECTION | Protective overalls may be worn  |
| INHALATION      | Personal protective equipment should only be considered where ventilation is very poor, or in the case of an accident. |

## 9 - PHYSICAL AND CHEMICAL PROPERTIES

|             |                             |
|-------------|-----------------------------|
| APPEARANCE  | Liquid                      |
| COLOUR      | Colourless to pale yellow   |
| ODOUR       | Floral, fruity, green, musk |
| DENSITY     | 0.972-0.982                 |
| FLASH POINT | 96°C                        |

## 10 - STABILITY AND REACTIVITY

|                                  |   |
|----------------------------------|---|
| STABILITY                        | Stable under normal conditions of use. Keep away from heat. |
| MATERIALS TO AVOID               | Prevent contact with strong oxidizing materials.            |
| HAZARDOUS DECOMPOSITION PRODUCTS | Carbon monoxide may be formed during combustion.            |

## 11 - TOXICOLOGICAL INFORMATION

|   |
|---|
| May cause sensitization by skin contact. Specific experimental toxicological data have not been determined. |
|---|

## 12 - ECOLOGICAL INFORMATION

|             |           |
|-------------|-----------|
| ECOTOXICITY | Not Known |
|-------------|-----------|


## 13 - DISPOSAL CONSIDERATIONS

|                  |   |
|------------------|---|
| DISPOSAL METHODS | Do not pour down waste water drains. Absorb onto dry sand or other absorber, and dispose of safely. |
|------------------|---|

## 14 - TRANSPORT INFORMATION

|                   |                |
|-------------------|----------------|
| Local Regulations | Not applicable |
|-------------------|----------------|

## 15 - REGULATORY INFORMATION

|   |             |   |  |
|---|-------------|---|--|
|  | Risk Phases | R21   | Harmful in contact with skin   |
|   |             | R22   | Harmful if swallowed   |
|   |             | R36   | Irritating to the eyes   |
|   |             | R38   | Irritating to the skin   |
|   |             | R43   | May cause sensitization by skin contact  |
|   |             | R52/53  | Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment |
|   |             | S2  | Keep out of reach of children  |
|   |             | S9  | Keep container in a well-ventilated place.   |
|   |             | S13   | Keep away from food, drink and animal feed.  |
|   |             | S16   | Keep away from source of ignition  |
|   | S24         | Avoid contact with the skin   |  |
|   | S25         | Avoid contact with the eyes   |  |
| Safety Phrases  | S26         | In case of contact with eyes, rinse with water and seek medical advice.   |  |
|   | S43         | In case of fire, use Foam, Carbon dioxide (CO <sub>2</sub> ) or dry powder extinguishers. Never use water jets. |  |
|   | S44         | If you feel unwell, seek medical attention immediately and  |  |

|  |     |  |
|--|-----|--|
|  |     | show this document.  |
|  | S45 | In case of accident, or if you feel unwell, seek medical attention immediately and show this document. |
|  | S61 | Avoid release to the environment   |
|  | S62 | If swallowed, do not induce vomiting; seek medical advice and show container or label.                 |
|  | S45 | In case of accident, or if you feel unwell, seek medical attention immediately and show this document. |

## 16 - OTHER INFORMATION

This materials safety data sheet has been compiled according to SABS 1104-1 and SABS 0265, and provides the best advice under our current state of knowledge. The user is ultimately responsible for ensuring that the requirements of the relevant legislation are complied with.

*DISCLAIMER: 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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.*