



# Fresh 24 mist spray - Ocean drive

## Safety Data Sheet

According to SANS 10234:2008 and SANS 11014:2010

Issue date:23/07/2020

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Version: 1.0

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Fresh 24 mist spray - Ocean drive  
Type of product : Air freshener  
Product code : SH888  
Product group : Trade product

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

No additional information available

#### 1.3. Supplier's details

##### Manufacturer

Shield Chemicals (Pty) Ltd  
9 London Rd  
Apex  
P.O. Box 1939  
1501 Benoni - South Africa  
T (011) 421 7111  
[info@shieldchem.co.za](mailto:info@shieldchem.co.za)

#### 1.4. Emergency telephone number

Emergency number : (011) 421 7111

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to the United Nations GHS

Flammable liquids Not classified  
Skin sensitisation, Category 1 H317  
Hazardous to the aquatic environment — Acute Hazard, Category 3 H402  
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412  
Full text of H statements : see section 16

#### 2.2. Label elements

##### Labelling according to the United Nations GHS

Hazard pictograms (GHS-ZA) :



GHS07

Signal word (GHS-ZA) : Warning  
Hazardous ingredients : nonylphenol, ethoxylated; Ethanol  
Hazard statements (GHS-ZA) : H317 - May cause an allergic skin reaction.  
H412 - Harmful to aquatic life with long lasting effects.  
Precautionary statements (GHS-ZA) : P261 - Avoid breathing mist.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear eye protection, protective clothing, protective gloves.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P333+P313 - If skin irritation or rash occurs: Get medical advice.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P501 - Dispose of contents and container to an approved waste disposal plant.

#### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects : May cause an allergic skin reaction, Harmful to aquatic life, Harmful to aquatic life with long lasting effects.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name                     | Product identifier  | %         | Classification according to the United Nations GHS  |
|--------------------------|---------------------|-----------|---|
| nonylphenol, ethoxylated | (CAS-No.) 9016-45-9 | 1.0 - 5.0 | Acute Tox. 5 (Oral), H303<br>Aquatic Acute 3, H402  |
| Ethanol                  |                     | 1.0 - 5.0 | Flam. Liq. 2, H225<br>Acute Tox. Not classified (Oral)<br>Acute Tox. Not classified (Dermal)<br>Acute Tox. Not classified (Inhalation:dust,mist)<br>Eye Irrit. 2A, H319<br>Aquatic Acute Not classified |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse eyes with water as a precaution.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects after skin contact : May cause an allergic skin reaction.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

No additional information available

### 5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing spray.

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage.
- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing spray. Wear personal protective equipment.
- Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a well-ventilated place. Keep cool.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Protective gloves

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.4. Exposure limit values for the other components

No additional information available

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|   |                               |
|---|-------------------------------|
| Physical state                                | : Liquid                      |
| Appearance                                    | : Liquid.                     |
| Colour  | : Colourless to light yellow. |
| Odour   | : characteristic.             |
| Odour threshold                               | : No data available           |
| pH  | : 5.5 - 7                     |
| pH solution                                   | : No data available           |
| Relative evaporation rate (butylacetate=1)    | : No data available           |
| Relative evaporation rate (ether=1)           | : No data available           |
| Melting point                                 | : Not applicable              |
| Freezing point                                | : No data available           |
| Boiling point                                 | : No data available           |
| Flash point                                   | : > 100 °C                    |
| Auto-ignition temperature                     | : No data available           |
| Decomposition temperature                     | : No data available           |
| Flammability (solid, gas)                     | : Not applicable              |
| Vapour pressure                               | : No data available           |
| Vapour pressure at 50 °C                      | : No data available           |
| Relative vapour density at 20 °C              | : No data available           |
| Relative density                              | : No data available           |
| Relative density of saturated gas/air mixture | : No data available           |
| Density                                       | : No data available           |
| Relative gas density                          | : No data available           |
| Solubility                                    | : No data available           |
| Log Pow                                       | : No data available           |
| Log Kow                                       | : No data available           |
| Viscosity, kinematic                          | : No data available           |
| Viscosity, dynamic                            | : No data available           |
| Explosive properties                          | : No data available           |
| Oxidising properties                          | : No data available           |
| Explosive limits                              | : No data available           |
| Lower explosive limit (LEL)                   | : No data available           |
| Upper explosive limit (UEL)                   | : No data available           |

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

#### nonylphenol, ethoxylated (9016-45-9)

|           |   |
|-----------|---|
| LD50 oral | 4290 mg/kg bodyweight (Equivalent or similar to EU Method B.1: Acute Toxicity (Oral), Mouse, Read-across, Oral) |
|-----------|---|

#### Ethanol

|                            |               |
|----------------------------|---------------|
| LD50 oral rat              | 10470 mg/kg   |
| LD50 dermal rabbit         | > 15800 mg/kg |
| LC50 inhalation rat (mg/l) | 51 mg/l/4h    |

Skin corrosion/irritation : Not classified

pH: 5.5 - 7

Serious eye damage/irritation : Not classified

pH: 5.5 - 7

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

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|           |       |
|-----------|-------|
| Vaporizer | Spray |
|-----------|-------|

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute) : Harmful to aquatic life.

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

#### nonylphenol, ethoxylated (9016-45-9)

|               |   |
|---------------|---|
| ErC50 (algae) | 50 mg/l (Equivalent or similar to EU Method C.3, 48 h, Pseudokirchneriella subcapitata, Static system, Experimental value, Nominal concentration) |
| Log Pow       | 3.7 (Experimental value, Equivalent or similar to OECD 117, 25 °C)  |

#### Ethanol

|                                     |           |
|-------------------------------------|-----------|
| LC50 fish 1                         | 11.2 mg/l |
| EC50 Daphnia 1                      | 5012 mg/l |
| Bioconcentration factor (BCF REACH) | < 10      |

### 12.2. Persistence and degradability

#### Fresh 24 mist spray - Ocean drive

|                               |                                     |
|-------------------------------|-------------------------------------|
| Persistence and degradability | No additional information available |
|-------------------------------|-------------------------------------|

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|   |                                 |
|---|---------------------------------|
| <b>nonylphenol, ethoxylated (9016-45-9)</b> |                                 |
| Persistence and degradability               | Readily biodegradable in water. |

|                              |                                    |
|------------------------------|------------------------------------|
| <b>Ethanol</b>               |                                    |
| Chemical oxygen demand (COD) | 2.04 g O <sub>2</sub> /g substance |

### 12.3. Bioaccumulative potential

|  |                                     |
|--|-------------------------------------|
| <b>Fresh 24 mist spray - Ocean drive</b> |                                     |
| Bioaccumulative potential                | No additional information available |

|   |  |
|---|--|
| <b>nonylphenol, ethoxylated (9016-45-9)</b> |  |
| Log Pow                                     | See section 12.1 on ecotoxicology                |
| Bioaccumulative potential                   | Low potential for bioaccumulation (Log Kow < 4). |

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| <b>Ethanol</b>                      |                                   |
| Bioconcentration factor (BCF REACH) | See section 12.1 on ecotoxicology |

### 12.4. Mobility in soil

|  |                                     |
|--|-------------------------------------|
| <b>Fresh 24 mist spray - Ocean drive</b> |                                     |
| Mobility in soil                         | No additional information available |

|   |  |
|---|--|
| <b>nonylphenol, ethoxylated (9016-45-9)</b> |  |
| Surface tension                             | 32.3 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions) |
| Log Pow                                     | See section 12.1 on ecotoxicology  |
| Ecology - soil                              | No (test)data on mobility of the substance available.                    |

|                  |   |
|------------------|---|
| <b>Ethanol</b>   |   |
| Mobility in soil | 1 |

### 12.5. Other adverse effects

Ozone : Not classified  
 Other adverse effects : No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with SANS / IMDG / IATA

| SANS                                    | IMDG                               | IATA                               |
|---|------------------------------------|------------------------------------|
| <b>14.1. UN number</b>                  |                                    |                                    |
| Not regulated for transport             |                                    |                                    |
| <b>14.2. Proper Shipping Name</b>       |                                    |                                    |
| Not applicable                          | Not applicable                     | Not applicable                     |
| <b>14.3. Transport hazard class(es)</b> |                                    |                                    |
| Not applicable                          | Not applicable                     | Not applicable                     |
| Not applicable                          | Not applicable                     | Not applicable                     |
| <b>14.4. Packing group</b>              |                                    |                                    |
| Not applicable                          | Not applicable                     | Not applicable                     |
| <b>14.5. Environmental hazards</b>      |                                    |                                    |
| Dangerous for the environment : No      | Dangerous for the environment : No | Dangerous for the environment : No |
| No supplementary information available  |                                    |                                    |

### 14.6. Special precautions for user

#### - SANS

No data available

#### - IMDG

No data available

#### - IATA

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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## Safety Data Sheet

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### SECTION 15: Regulatory information

#### 15.1. Safety, health, and environmental national regulations specific for the product

No additional information available

### SECTION 16: Other information

Issue date : 23/07/2020

Revision date : 25/07/2022

Full text of H-statements:

|      |  |
|------|--|
| H225 | Highly flammable liquid and vapour.                                |
| H226 | Flammable liquid and vapour.                                       |
| H227 | Combustible liquid   |
| H303 | May be harmful if swallowed  |
| H311 | Toxic in contact with skin.  |
| H313 | May be harmful in contact with skin                                |
| H315 | Causes skin irritation.  |
| H317 | May cause an allergic skin reaction.                               |
| H319 | Causes serious eye irritation.                                     |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life.  |
| H401 | Toxic to aquatic life  |
| H402 | Harmful to aquatic life  |
| H410 | Very toxic to aquatic life with long lasting effects.              |
| H411 | Toxic to aquatic life with long lasting effects.                   |
| H412 | Harmful to aquatic life with long lasting effects.                 |

SDS South Africa

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*