

# SAFETY DATA SHEET

Issuing Date No data available

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Revision Number 1

NGHS / English



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## 1. IDENTIFICATION

### Product identifier

Product Name Shark Odour Neutralizer Vacuum Cartridges

### Other means of identification

Product Code(s) 1712384

### Recommended use of the chemical and restrictions on use

Recommended Use Odor Remover/Eliminator - Non-Aerosol

Restrictions on use No information available

### Details of the supplier of the safety data sheet

Supplier Identification Shark Ninja LLC

Address 89 A Street, Suite 100  
Needham  
MA  
02494  
US

Telephone Phone:617-456-8243  
Fax:617-243-9020

E-mail wbirdsell@sharkninja.com

### Emergency telephone number

Company Emergency Phone Number 6174568253

## 2. HAZARDS IDENTIFICATION

### Classification



Appearance Black

Physical state Solid

Odor Odorless

**GHS Label elements, including precautionary statements**

Hazard statements

**Other information**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Not applicable.

**Mixture**

### 4. FIRST AID MEASURES

**Description of first aid measures**

|              |   |
|--------------|---|
| Inhalation   | Remove to fresh air.  |
| Eye contact  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.<br>Consult a physician. |
| Skin contact | Wash skin with soap and water.  |
| Ingestion    | Clean mouth with water and drink afterwards plenty of water.  |

**Most important symptoms and effects, both acute and delayed**

Symptoms No information available.

**Indication of any immediate medical attention and special treatment needed**

Note to physicians Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the



surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical** No information available.

**Hazardous Combustion Products** Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.



**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters.

**Appropriate engineering controls**

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state** Solid  
**Appearance** Black  
**Odor** Odorless  
**Color** No information available  
**Odor Threshold** No information available

| <u>Property</u>                        | <u>Values</u>      | <u>Remarks</u> | <u>Method</u> |
|--|--------------------|----------------|---------------|
| pH                                     | UNKNOWN            |                |               |
| Melting / freezing point               | No data available  | None known     |               |
| Boiling point / boiling range          | No data available  | None known     |               |
| Flash Point                            | No data available  | None known     |               |
| Evaporation Rate                       | No data available  | None known     |               |
| Flammability (solid, gas)              | No data available  | None known     |               |
| Flammability Limit in Air              |                    |                |               |
| Upper flammability limit               | No data available  |                |               |
| Lower flammability limit               | No data available  |                |               |
| Vapor pressure                         | No data available  | None known     |               |
| Vapor density                          | No data available  | None known     |               |
| Relative density                       | No data available  |                |               |
| Water Solubility                       | Insoluble in water |                |               |
| Solubility(ies)                        | No data available  | None known     |               |
| Partition coefficient: n-octanol/water | 0                  |                |               |
| Autoignition temperature               | No data available  | None known     |               |
| Decomposition temperature              | No data available  | None known     |               |
| Kinematic viscosity                    | No data available  | None known     |               |
| Dynamic viscosity                      | No data available  | None known     |               |

**Other Information**

**Explosive properties** No information available  
**Oxidizing properties** No information available  
**Softening Point** No information available  
**Molecular Weight** No information available  
**VOC Content (%)** No information available

|                            |                          |
|----------------------------|--------------------------|
| Liquid Density             | No information available |
| Bulk Density               | No information available |
| Particle Size              | No information available |
| Particle Size Distribution | No information available |

## 10. STABILITY AND REACTIVITY

|                                    |   |
|------------------------------------|---|
| Reactivity                         | No information available.                 |
| Chemical stability                 | Stable under normal conditions.           |
| Possibility of Hazardous Reactions | None under normal processing.             |
| Hazardous Polymerization           | Hazardous polymerization does not occur.  |
| Conditions to avoid                | None known based on information supplied. |
| Incompatible materials             | None known based on information supplied. |
| Hazardous Decomposition Products   | Carbon oxides.                            |

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|              |   |
|--------------|---|
| Inhalation   | Specific test data for the substance or mixture is not available. |
| Eye contact  | Specific test data for the substance or mixture is not available. |
| Skin contact | Specific test data for the substance or mixture is not available. |
| Ingestion    | Specific test data for the substance or mixture is not available. |

### Symptoms related to the physical, chemical and toxicological characteristics

|          |                           |
|----------|---------------------------|
| Symptoms | No information available. |
|----------|---------------------------|

### Numerical measures of toxicity

#### Acute toxicity

|                        |                          |
|------------------------|--------------------------|
| Unknown acute toxicity | No information available |
|------------------------|--------------------------|

#### Product Information

#### Component Information

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|                                   |                           |
|-----------------------------------|---------------------------|
| Skin corrosion/irritation         | No information available. |
| Serious eye damage/eye irritation | No information available. |

|                                   |                           |
|-----------------------------------|---------------------------|
| Respiratory or skin sensitization | No information available. |
| Germ cell mutagenicity            | No information available. |
| Carcinogenicity                   | No information available. |
| Reproductive toxicity             | No information available. |
| STOT - single exposure            | No information available. |
| STOT - repeated exposure          | No information available. |
| Aspiration hazard                 | No information available. |

## 12. ECOLOGICAL INFORMATION

|                               |   |
|-------------------------------|---|
| Ecotoxicity                   | The environmental impact of this product has not been fully investigated. |
| Persistence and Degradability | No information available.   |
| Bioaccumulation               | .   |
| Mobility                      | No information available.   |
| Other adverse effects         | No information available.   |

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

|                                     |   |
|-------------------------------------|---|
| Waste from residues/unused products | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| Contaminated packaging              | Do not reuse empty containers.  |

California Waste Codes 331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

## 14. TRANSPORT INFORMATION

|                      |               |
|----------------------|---------------|
| <u>DOT</u>           | NOT REGULATED |
| Proper Shipping Name | NON-REGULATED |
| Hazard Class         | N/A           |



**TDG**

|                      |  |
|----------------------|--|
| UN-No.               | UN3077   |
| Proper Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.   |
| Hazard Class         | 9  |
| Packing Group        | III  |
| Description          | UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BENZYL BENZOATE, 4-TERT-BUTYLCYCLOHEXYL ACETATE), 9, III |

**MEX**

Not applicable

**ICAO**

Not applicable

**IATA**

|                      |                |
|----------------------|----------------|
| Proper Shipping Name | Not applicable |
| Hazard Class         | NON REGULATED  |

N/A

**IMDG/IMO**

|              |                |
|--------------|----------------|
| Hazard Class | Not applicable |
|--------------|----------------|

N/A

**RID**

Not applicable

**ADR**

Not applicable

**ADN**

Not applicable

## 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**International Regulations**

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

**International Inventories**

|               |   |
|---------------|---|
| TSCA          | Contact supplier for inventory compliance status. |
| DSL/NDSL      | Contact supplier for inventory compliance status. |
| EINECS/ELINCS | Contact supplier for inventory compliance status. |
| ENCS          | Contact supplier for inventory compliance status. |
| KECL          | Contact supplier for inventory compliance status. |
| PICCS         | Contact supplier for inventory compliance status. |
| AICS          | Contact supplier for inventory compliance status. |

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**



#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### **US State Regulations**

##### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **U.S. State Right-to-Know Regulations**

### **16. OTHER INFORMATION**

|                                   |                                  |                       |                           |   |
|-----------------------------------|----------------------------------|-----------------------|---------------------------|---|
| <b><u>NFPA</u></b>                | <b>Health hazards</b> 0          | <b>Flammability</b> 0 | <b>Instability</b> 0      | <b>Physical and Chemical Properties -</b> |
| <b><u>HMIS</u></b>                | <b>Health hazards</b> 0          | <b>Flammability</b> 0 | <b>Physical hazards</b> 0 | <b>Personal Protection</b> X              |
| <i>Chronic Hazard Star Legend</i> | <i>* = Chronic Health Hazard</i> |                       |                           |   |

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Revision Date** 18-Aug-2022

**Revision Note** No information available

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text





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**End of Safety Data Sheet**

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## 1. IDENTIFICATION

### Product identifier

**Product Name** Shark Odour Neutralizer Vacuum Cartridges

### Other means of identification

**Product Code(s)** 1712384

### Recommended use of the chemical and restrictions on use

**Recommended Use** Odor Remover/Eliminator - Non-Aerosol

**Restrictions on use** No information available

### Details of the supplier of the safety data sheet

**Initial supplier identifier** Shark Ninja LLC

**Address** 89 A Street, Suite 100  
Needham  
MA  
02494  
US

**Telephone** Phone:617-456-8243  
Fax:617-243-9020

**E-mail** wbirdsell@sharkninja.com

### Emergency telephone number

**Company Emergency Phone Number** 6174568253

## 2. HAZARDS IDENTIFICATION

### Classification

|                       |             |
|-----------------------|-------------|
| Acute toxicity - Oral | Category 4  |
| Skin sensitization    | Category 1B |
| Reproductive toxicity | Category 1B |



|  |            |
|--|------------|
| Specific target organ toxicity (single exposure)   | Category 1 |
| Specific target organ toxicity (repeated exposure) | Category 1 |

**GHS Label elements, including precautionary statements**

**Danger**

**Hazard statements**

Harmful if swallowed  
May cause an allergic skin reaction  
May damage fertility or the unborn child  
Causes damage to organs  
Causes damage to organs through prolonged or repeated exposure



**Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Wear protective gloves/protective clothing/eye protection/face protection  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Contaminated work clothing should not be allowed out of the workplace  
Do not breathe dust/fume/gas/mist/vapors/spray

**Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label)  
IF exposed or concerned: Call a POISON CENTER or doctor

**Skin**

IF ON SKIN: Wash with plenty of water and soap  
If skin irritation or rash occurs: Get medical advice/attention  
Take off contaminated clothing and wash it before reuse

**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell  
Rinse mouth

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

May be harmful in contact with skin Causes mild skin irritation Toxic to aquatic life with long lasting effects Toxic to aquatic life

**Unknown acute toxicity**

105.568 % of the mixture consists of ingredient(s) of unknown toxicity

12.5 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
28.672 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
105.568 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
103.568 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
105.568 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable.

#### Mixture

| Chemical name   | CAS No     | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|---|------------|----------|--|---|
| Benzyl benzoate   | 120-51-4   | 75.482   | -  | -   |
| 7-Octen-2-ol, 2,6-dimethyl-   | 18479-58-8 | 2.5      | -  | -   |
| 4-tert-butylcyclohexyl acetate  | 32210-23-4 | 2.5      | -  | -   |
| 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one | 54464-57-2 | 2.5      | -  | -   |
| Third Party Formulation (TP # 1530411)                                  | -          | 0 - 10%  | -  | -   |
| Linalool  | 78-70-6    | 1.414    | -  | -   |
| Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl-                  | 80-54-6    | 1.172    | -  | -   |
| D-Limonene  | 5989-27-5  | 0.955    | -  | -   |
| Heptanal, 2-(phenylmethylene)-  | 122-40-7   | 0.662    | -  | -   |
| Coumarin  | 91-64-5    | 0.4      | -  | -   |

### 4. FIRST AID MEASURES

#### Description of first aid measures

|                       |  |
|-----------------------|--|
| <b>General advice</b> | Show this safety data sheet to the doctor in attendance.   |
| <b>Inhalation</b>     | Remove to fresh air. IF exposed or concerned: Get medical advice/attention.  |
| <b>Eye contact</b>    | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.  |
| <b>Skin contact</b>   | Wash with soap and water. May cause an allergic skin reaction. Wash off immediately with plenty of water for at least 15 minutes. If symptoms persist, call a physician. |
| <b>Ingestion</b>      | Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.            |

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



**Symptoms** Itching. Rashes. Hives.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** May cause sensitization in susceptible persons. Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical** Product is or contains a sensitizer. May cause sensitization by skin contact.

**Hazardous Combustion Products** Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Limits**

| Chemical name                             | Alberta                  | British Columbia         | Ontario TWAEV            | Quebec                   |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| Third Party Formulation<br>(TP # 1530411) | TWA: 2 mg/m <sup>3</sup> | TWA: 2 mg/m <sup>3</sup> | TWA: 2 mg/m <sup>3</sup> | TWA: 2 mg/m <sup>3</sup> |

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters.

**Appropriate engineering controls**

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Hand protection** Wear suitable gloves.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** Solid  
**Appearance** Black  
**Odor** Odorless  
**Color** No information available  
**Odor Threshold** No information available

| Property                      | Values            | Remarks Method |
|-------------------------------|-------------------|----------------|
| pH                            | UNKNOWN           |                |
| Melting / freezing point      | No data available | None known     |
| Boiling point / boiling range | No data available | None known     |
| Flash Point                   | No data available | None known     |
| Evaporation Rate              | No data available | None known     |
| Flammability (solid, gas)     |                   |                |



|  |                    |            |
|--|--------------------|------------|
| Flammability Limit in Air              | No data available  | None known |
| Upper flammability limit               | No data available  | None known |
| Lower flammability limit               | No data available  |            |
| Vapor pressure                         | No data available  | None known |
| Vapor density                          | No data available  | None known |
| Relative density                       | No data available  |            |
| Water Solubility                       | Insoluble in water |            |
| Solubility(ies)                        | No data available  | None known |
| Partition coefficient: n-octanol/water |                    |            |
| Autoignition temperature               | No data available  | None known |
| Decomposition temperature              | No data available  | None known |
| Kinematic viscosity                    | No data available  | None known |
| Dynamic viscosity                      | No data available  | None known |

**Other Information**

|                            |                           |
|----------------------------|---------------------------|
| Explosive properties       | No information available. |
| Oxidizing properties       | No information available. |
| Softening Point            | No information available  |
| Molecular Weight           | No information available  |
| VOC Content (%)            | No information available  |
| Liquid Density             | No information available  |
| Bulk Density               | No information available  |
| Particle Size              | No information available  |
| Particle Size Distribution | No information available  |

**10. STABILITY AND REACTIVITY**

|                                    |   |
|------------------------------------|---|
| Reactivity                         | No information available.                 |
| Chemical stability                 | Stable under normal conditions.           |
| Possibility of Hazardous Reactions | None under normal processing.             |
| Hazardous Polymerization           | Hazardous polymerization does not occur.  |
| Conditions to avoid                | None known based on information supplied. |
| Incompatible materials             | None known based on information supplied. |
| Hazardous Decomposition Products   | Carbon oxides.                            |

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

|              |  |
|--------------|--|
| Inhalation   | Specific test data for the substance or mixture is not available.  |
| Eye contact  | Specific test data for the substance or mixture is not available.  |
| Skin contact | May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May be harmful in contact with skin. |

**Ingestion**

Specific test data for the substance or mixture is not available. Harmful if swallowed. (based on components).

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms**

Itching. Rashes. Hives.

**Numerical measures of toxicity**

**Acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

|                           |                |
|---------------------------|----------------|
| ATEmix (oral)             | 570.00 mg/kg   |
| ATEmix (dermal)           | 3,779.90 mg/kg |
| ATEmix (inhalation-vapor) | 550.00 mg/L    |

**Unknown acute toxicity**

105.568 % of the mixture consists of ingredient(s) of unknown toxicity

12.5 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

28.672 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

105.568 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

103.568 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

105.568 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Product Information**

**Component Information**

| Chemical name   | Oral LD50                                    | Dermal LD50             | Inhalation LC50         |
|---|--|-------------------------|-------------------------|
| Benzyl benzoate   | > 2000 mg/kg ( Rat )                         | = 4000 mg/kg ( Rabbit ) | -                       |
| 7-Octen-2-ol, 2,6-dimethyl-                                   | = 3600 mg/kg ( Rat )                         | > 5 g/kg ( Rabbit )     | -                       |
| 4-tert-butylcyclohexyl acetate                                | = 5 g/kg ( Rat )                             | > 5000 mg/kg ( Rabbit ) | -                       |
| Linalool  | = 2790 mg/kg ( Rat )                         | = 5610 mg/kg ( Rabbit ) | -                       |
| Benzenepropanal,<br>4-(1,1-dimethylethyl)-.alpha.-me<br>thyl- | = 1390 mg/kg ( Rat )                         | > 5000 mg/kg ( Rabbit ) | > 0.18 mg/L ( Rat ) 7 h |
| D-Limonene  | = 5200 mg/kg ( Rat )<br>= 4400 mg/kg ( Rat ) | > 5 g/kg ( Rabbit )     | -                       |
| Heptanal, 2-(phenylmethylene)-                                | = 3730 mg/kg ( Rat )                         | > 2000 mg/kg ( Rabbit ) | -                       |
| Coumarin  | = 293 mg/kg ( Rat )                          | = 293 mg/kg ( Rat )     | -                       |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation**

No information available.

**Serious eye damage/eye irritation**

No information available.

**Respiratory or skin sensitization**

May cause sensitization by skin contact.

**Germ cell mutagenicity**

No information available.

**Carcinogenicity**

No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name                             | ACGIH | IARC                | NTP | OSHA |
|---|-------|---------------------|-----|------|
| Third Party Formulation<br>(TP # 1530411) | -     | Group 3<br>Group 2B | -   | X    |
| D-Limonene<br>5989-27-5                   | -     | Group 3             | -   | -    |



|                     |   |         |   |   |
|---------------------|---|---------|---|---|
| Coumarin<br>91-64-5 | - | Group 3 | - | - |
|---------------------|---|---------|---|---|

**Legend**

**IARC (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Reproductive toxicity** Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. May damage fertility or the unborn child.

**STOT - single exposure** Based on the classification criteria of the Globally Harmonized System as adopted in the country or region with which this safety data sheet complies, this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). Causes damage to organs if swallowed.

**STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard** No information available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

| Chemical name  | Algae/aquatic plants                            | Fish  | Toxicity to microorganisms | Crustacea                             |
|--|---|---|----------------------------|---------------------------------------|
| Benzyl benzoate  | No data available                               | 96h LC50: = 2.32 mg/L (Danio rerio)   | No data available          | No data available                     |
| 4-tert-butylcyclohexyl acetate                         | No data available                               | 96h LC50: = 8.6 mg/L (Cyprinus carpio)  | No data available          | No data available                     |
| Third Party Formulation (TP # 1530411)                 | No data available                               | 96h LC50: > 100 g/L (Brachydanio rerio)   | No data available          | No data available                     |
| Linalool   | 96h EC50: = 88.3 mg/L (Desmodesmus subspicatus) | 96h LC50: = 27.8 mg/L (Oncorhynchus mykiss)   | No data available          | 48h EC50: = 20 mg/L (Daphnia magna)   |
| Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl- | No data available                               | 96h LC50: 2.2 - 4.6 mg/L (Brachydanio rerio)  | No data available          | 48h EC50: = 10.7 mg/L (Daphnia magna) |
| D-Limonene   | No data available                               | 96h LC50: 0.619 - 0.796 mg/L (Pimephales promelas)<br>96h LC50: = 35 mg/L (Oncorhynchus mykiss) | No data available          | No data available                     |

**Persistence and Degradability** No information available.

**Bioaccumulation**

**Component Information**

| Chemical name               | Partition coefficient |
|-----------------------------|-----------------------|
| Benzyl benzoate             | 3.97                  |
| 7-Octen-2-ol, 2,6-dimethyl- | 3.25                  |

|   |       |
|---|-------|
| 4-tert-butylcyclohexyl acetate  | 4.8   |
| 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one | 5.7   |
| Linalool  | 2.9   |
| Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl-                  | 4.2   |
| D-Limonene  | 4.38  |
| Heptanal, 2-(phenylmethylene)-  | 2.498 |

**Mobility** No information available.

**Other adverse effects** No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

### 14. TRANSPORT INFORMATION

#### TDG

**UN-No.** UN3077  
**Proper Shipping Name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
**Hazard Class** 9  
**Packing Group** III  
**Description** UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BENZYL BENZOATE, 4-TERT-BUTYLCYCLOHEXYL ACETATE), 9, III

#### DOT

**Proper Shipping Name** NOT REGULATED  
**Hazard Class** NON-REGULATED  
N/A

#### MEX

Not applicable

#### ICAO

Not applicable

#### IATA

**Proper Shipping Name** Not applicable  
**Hazard Class** NON REGULATED  
N/A

#### IMDG/IMO

**Hazard Class** Not applicable  
N/A

#### RID

Not applicable

#### ADR

Not applicable

#### ADN

Not applicable

### 15. REGULATORY INFORMATION

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



#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

#### International Inventories

|                      |   |
|----------------------|---|
| <b>TSCA</b>          | Contact supplier for inventory compliance status. |
| <b>DSL/NDL</b>       | Contact supplier for inventory compliance status. |
| <b>EINECS/ELINCS</b> | Contact supplier for inventory compliance status. |
| <b>ENCS</b>          | Contact supplier for inventory compliance status. |
| <b>KECL</b>          | Contact supplier for inventory compliance status. |
| <b>PICCS</b>         | Contact supplier for inventory compliance status. |
| <b>AICS</b>          | Contact supplier for inventory compliance status. |

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### 16. OTHER INFORMATION

|  |                           |                       |                           |   |
|--|---------------------------|-----------------------|---------------------------|---|
| <b><u>NFPA</u></b>                                   | <b>Health hazards</b> 3   | <b>Flammability</b> 0 | <b>Instability</b> 0      | <b>Physical and Chemical Properties</b> - |
| <b><u>HMIS</u></b>                                   | <b>Health hazards</b> 3 * | <b>Flammability</b> 0 | <b>Physical hazards</b> 0 | <b>Personal Protection</b> X              |
| Chronic Hazard Star Legend * = Chronic Health Hazard |                           |                       |                           |   |

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**Revision Note** No information available

#### **Disclaimer**

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**End of Safety Data Sheet**