

# Safety Data Sheet

## 1. Identification

|                                    |   |
|------------------------------------|---|
| <b>Product Information.</b>        | 106099  |
| <b>Product Name:</b>               | ODORx Bad Odor Block Vanilla  |
| <b>Recommended Use.</b>            | Deodorizer  |
| <b>Uses advised against.</b>       | Professional Use Only   |
| <b>Supplier.</b>                   | Legend Brands<br>ProRestore Products<br>15180 Josh Wilson Road<br>Burlington, WA 98233<br>E-Mail: sds@legendbrands.com<br>800-932-3030<br><br>Legend Brands<br>4520 Eastgate Parkway<br>Mississauga, ON L4W 3W6<br>800-932-3030 |
| <b>Emergency telephone number.</b> | INFOTRAC 1-800-535-5053 (North America)<br>+1-352-323-3500 (International)  |

## 2. Hazards Identification

Classification in accordance with the Workplace Hazardous Materials Information System (WHMIS) 2015 based on the Hazardous Products Regulations (HPR).

Eye Irritation, category 2B

Skin Sensitizer, category 1

### GHS Pictograms



### Signal Word

Warning

### Unknown Acute Toxicity

27.0% of the mixture consists of ingredient(s) of unknown acute toxicity

### HAZARD STATEMENTS

May cause an allergic skin reaction.

Causes eye irritation.

### Precautionary Statements - Prevention.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

### Precautionary Statements - Response.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

#### **Precautionary Statements - Disposal.**

Dispose of contents/container to approved disposal plant.

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

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt. %</u> | <u>HMIRA</u> |
|----------------------|----------------|--------------|--------------|
| Ethyl vanillin       | 121-32-4       | 7-13         |              |
| COUMARIN             | 91-64-5        | 3-7          |              |
| gamma-Nonalactone    | 104-61-0       | 3-7          |              |
| D-limonene           | 5989-27-5      | 3-7          |              |
| Vanillin             | 121-33-5       | 1-5          |              |

### **4. First-aid Measures**

#### **Description of first-aid measures.**

##### **General advice.**

Call a physician if irritation develops or persists. When symptoms persist or in all cases of doubt seek medical advice.

##### **Inhalation.**

Move to fresh air.

##### **Skin contact.**

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

##### **Eye contact.**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

##### **Ingestion.**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

##### **Symptoms.**

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

##### **Notes to physician.**

Treat symptomatically.

### **5. Fire-fighting Measures**

#### **Extinguishing media.**

##### **Suitable extinguishing media.**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

##### **Extinguishing media which shall not be used for safety reasons.**

High volume water jet.

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

No information available.

#### **Advice for firefighters.**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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

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

##### **Personal precautions.**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

##### **Advice for emergency responders.**

Use personal protection recommended in Section 8.

### **Environmental precautions.**

Prevent product from entering drains. See Section 12 for additional Ecological information.

### **Methods and materials for containment and cleaning up.**

#### **Methods for Containment.**

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

#### **Methods for cleaning up.**

Use personal protective equipment as required.

### **Reference to other sections.**

See section 8 for more information.

## **7. Handling and Storage**

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

#### **Advice on safe handling.**

Handle in accordance with good industrial hygiene and safety practice.

#### **Hygiene measures.**

See section 7 for more information.

#### **Storage Conditions.**

Keep containers tightly closed in a cool, well-ventilated place.

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

### **Ingredients with Occupational Exposure Limits**

| <u>Chemical Name</u> | <u>ACGIH TLV-TWA</u> | <u>ACGIH-TLV STEL</u> | <u>OSHA PEL-TWA</u> | <u>OSHA PEL-CEILING</u> |
|----------------------|----------------------|-----------------------|---------------------|-------------------------|
|----------------------|----------------------|-----------------------|---------------------|-------------------------|

Contains no substances with occupational exposure limit values.

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

#### **Engineering Measures.**

Showers, eyewash stations, and ventilation systems.

#### **Personal protective equipment.**

##### **Eye/Face Protection.**

Safety glasses with side-shields.

##### **Skin and body protection.**

Wear suitable protective clothing.

##### **Respiratory protection.**

In case of insufficient ventilation wear suitable respiratory equipment.

## **9. Physical and chemical properties.**

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

|  |                     |
|--|---------------------|
| <b>Physical state</b>                        | Solid               |
| <b>Appearance</b>                            | solid fibrous block |
| <b>Color</b>                                 | brown               |
| <b>Odor</b>                                  | vanilla             |
| <b>Odor Threshold</b>                        | No Information      |
| <b>pH</b>                                    | No Information      |
| <b>Melting/freezing point., °C (°F)</b>      | No Information      |
| <b>Flash Point., °C (°F)</b>                 | 74 (165.20)         |
| <b>Boiling point/boiling range., °C (°F)</b> | 298 (568.4)         |

|  |                          |
|--|--------------------------|
| Evaporation rate                       | No Information Available |
| Explosive properties.                  | No Information           |
| Vapor pressure.                        | No Information           |
| Vapor density.                         | No Information           |
| Specific Gravity. (g/cm <sup>3</sup> ) | 1.027                    |
| Water solubility.                      | No Information           |
| Partition coefficient.                 | No Information           |
| Autoignition temperature., °C          | No Information           |
| Decomposition Temperature °C.          | No Information           |
| Viscosity, kinematic.                  | No Information           |

**Other information.**

|   |                |
|---|----------------|
| Volatile organic compounds (VOC) content. | .07 oz / block |
| Density, lb/gal                           | 8.550          |

## 10. Stability and Reactivity

**Reactivity.**

Stable under normal conditions.

**Chemical stability.**

Stable under recommended storage conditions.

**Possibility of hazardous reactions.**

None known based on information supplied.

**Conditions to Avoid.**

None known.

**Incompatible Materials.**

None known based on information supplied.

**Hazardous Decomposition Products.**

None known.

## 11. Toxicological Information

**Information on toxicological effects.****Acute toxicity.****Product Information**

No Information

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

|                 |                |
|-----------------|----------------|
| ATEmix (oral)   | 13,236.0 mg/kg |
| ATEmix (dermal) | 4,532.1 mg/kg  |

**Component Information.**

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>LD50 Oral</u>           | <u>LD50 Dermal</u> | <u>LC50 Inhalation</u> |
|----------------|----------------------|----------------------------|--------------------|------------------------|
| 121-32-4       | Ethyl vanillin       | 1590 mg/kg Rat             | >2000 mg/kg Rat    | N.I.                   |
| 91-64-5        | COUMARIN             | >5000 mg/kg Rat            | 293 mg/kg Rat      | N.I.                   |
| 104-61-0       | gamma-Nonalactone    | 6600 mg/kg Rat             | N.I.               | N.I.                   |
| 5989-27-5      | D-limonene           | 5200 mg/kg, 4400 mg/kg Rat | >5000 mg/kg Rabbit | N.I.                   |
| 121-33-5       | Vanillin             | 1580 mg/kg Rat             | >5010 mg/kg Rabbit | N.I.                   |

N.I. = No Information

**Skin corrosion/irritation.**

SKIN IRRITANT.

**Eye damage/irritation.**

No Information

**Respiratory or skin sensitization.**

No Information

**Ingestion.**

No Information

**Germ cell mutagenicity.**

No Information

**Carcinogenicity.**

No Information

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>IARC</u>  | <u>NTP</u> | <u>OSHA</u> |
|----------------|----------------------|--------------|------------|-------------|
| 91-64-5        | COUMARIN             | IARC Group 3 | -          | -           |
| 5989-27-5      | D-limonene           | IARC Group 3 | -          | -           |

**Reproductive toxicity.**

No Information

**Specific target organ systemic toxicity (single exposure).**

No Information

**Specific target organ systemic toxicity (repeated exposure).**

No Information

**Aspiration hazard.**

No Information

**Primary Route(s) of Entry**

No Information

## 12. Ecological Information

**Toxicity.**

10.00% of the mixture consists of ingredient(s) of unknown aquatic toxicity

**Ecotoxicity effects.**

| <u>Chemical Name</u>       | <u>Toxicity to algae</u> | <u>Toxicity to fish</u>  | <u>Toxicity to daphnia and other aquatic invertebrates</u> |
|----------------------------|--------------------------|--|--|
| Ethyl vanillin<br>121-32-4 | -                        | LC50 96 h Pimephales promelas<br>81.4 - 94.3 mg/L  | -  |
| D-limonene<br>5989-27-5    | -                        | LC50 96 h Pimephales promelas<br>0.619 - 0.796 mg/L, LC50 96 h<br>Oncorhynchus mykiss 35 mg/L  | -  |
| Vanillin<br>121-33-5       | -                        | LC50 96 h Pimephales promelas<br>53 - 61.3 mg/L, LC50 96 h<br>Pimephales promelas 88 mg/L,<br>LC50 96 h Pimephales promelas<br>57 mg/L | -  |

**Persistence and degradability.**

No data are available on the product itself.

**Bioaccumulative potential.**

Discharge into the environment must be avoided.

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>log POW</u> |
|----------------|----------------------|----------------|
| 121-32-4       | Ethyl vanillin       | 1.61           |
| 104-61-0       | gamma-Nonalactone    | 2.5            |
| 5989-27-5      | D-limonene           | 4.38           |
| 121-33-5       | Vanillin             | 1.23           |

**Mobility in soil.**

No information

**Other adverse effects.**

No information

### 13. Disposal Considerations

#### Waste Disposal Guidance.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### 14. Transport Information

#### DOT

**Shipping Name:** Chemicals NOI  
**Additional Information:** Not Regulated - Not Dangerous Goods

#### IMDG

**Proper Shipping Name:** Chemicals NOI  
**Additional Information:** Not Regulated - Not Dangerous Goods

#### IATA

**Proper Shipping Name:** not recommended for air transport

### 15. Regulatory Information

#### International Inventories:

TSCA Complies

DSL Complies

DSL/NDSL Complies

EINECS/ELINCS -

ENCS -

IECSC -

KECI -

PICCS -

AICS -

NZIoC -

#### TCSI

TSCA United States Toxic Substances Control Act Section 8(b) Inventory.

DSL Canadian Domestic Substances List.

DSL/NDSL Canadian Domestic Substances List/Canadian Non-Domestic Substances List

EINECS/ELINCS European Inventory of Existing Commercial Substances/ European List of notified Chemical Substances

ENCS Japan Existing and New Chemical Substances.

IECSC China Inventory of Existing Chemical Substances.

KECL Korean Existing and Evaluated Chemical Substances.

PICCS Philippines Inventory of Chemicals and Chemical Substances.

AICS Australian Inventory of Chemical Substances.

NZIoC New Zealand Inventory of Chemicals.

TCSI Taiwan Chemical Substance Inventory

#### CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**WHMIS Class** D2B

**16. Other Information**

**Revision Date:** 6/8/2022 **Supersedes Date:** 6/8/2022

**Reason for revision:** Revision Statement(s) Changed

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

|                |   |                      |   |                         |   |                             |   |
|----------------|---|----------------------|---|-------------------------|---|-----------------------------|---|
| <b>Health:</b> | 2 | <b>Flammability:</b> | 2 | <b>Physical Hazard:</b> | 0 | <b>Personal Protection:</b> | X |
|----------------|---|----------------------|---|-------------------------|---|-----------------------------|---|

**NFPA Ratings:**

|                |   |                      |   |                     |   |                                 |      |
|----------------|---|----------------------|---|---------------------|---|---------------------------------|------|
| <b>Health:</b> | 2 | <b>Flammability:</b> | 2 | <b>Instability:</b> | 0 | <b>Physical &amp; Chemical:</b> | N.I. |
|----------------|---|----------------------|---|---------------------|---|---------------------------------|------|

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

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