

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Odor_x® Bad Odor Block Cherry
Product code: LG-F1007
Recommended Use: Deodorizer

Supplier Legend Brands
ProRestore Products
15180 Josh Wilson Road
Burlington, WA 98233
Phone: 800-932-3030

Emergency telephone number INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. Hazards Identification

2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification according to GHS Regulation (EC) No 1272/2008

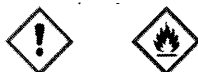
| | |
|--|---|
| Flammable Liquids, Category 3 | H226: Flammable liquid and vapor |
| Acute Toxicity Oral, Category 5 | H303: May be harmful if swallowed |
| Acute Toxicity Dermal, Category 5 | H313: May be harmful in contact with skin |
| Skin Corrosion/Irritation, Category 3 | H316: Causes mild skin irritation |
| Sensitization, Skin, Category 1A | H317: May cause an allergic skin reaction |
| Eye Damage/Eye Irritation, Category 2A | H319: Causes serious eye irritation |
| Acute Toxicity Inhalation, Category 4 | H332: Harmful if inhaled |
| Aquatic Acute Toxicity, Category 2 | H401: Toxic to aquatic life |
| Aquatic Chronic Toxicity, Category 3 | H412: Harmful to aquatic life with long lasting effects |

Classification OSHA (Provisions 1910.1200 of title 29)

| | |
|---------------------------------|---|
| Flammability | Class II Flammable Liquid |
| Acute Dermal/Eye | 10 : May be harmful if absorbed through the skin. 12 : Causes moderate skin irritation. 16 : Causes eye irritation. |
| Acute Inhalation | 21 : Harmful if inhaled. 24 : Causes respiratory tract irritation. 25 : Inhalation at high levels may cause: difficulty in breathing, drowsiness, tremors, labored breathing, hypothermia, lethargy, ataxia. |
| Acute Oral | 3 : May be harmful if swallowed or if aspirated into the lungs |
| Genotoxicity | 36 : Suspected of causing genetic defects |
| Reproductive/Developmental | 39 : Causes reproductive/developmental toxicity in animals. |
| Sensitization/Allergic Response | 31 : May cause allergic skin reaction. |
| Target Organ Effects | 26 : Prolonged or repeated ingestion may cause damage to: kidneys, liver, thymus gland, stomach, testes, brain, tongue, mucous membranes, musculo-skeletal system. 27 : Prolonged or repeated inhalation may cause damage to: liver, spleen, blood, heart, lungs, hematopoietic system, nervous system. 28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, liver, brain |
| Carcinogenicity | This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [] IARC [] NTP [] OSHA [] |

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008)
Hazard pictograms



Signal Word: Warning**Hazard statements**

| | |
|------|---|
| H226 | Flammable liquid and vapor |
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Precautionary Statements**Prevention:**

| | |
|------|---|
| P233 | Keep container tightly closed |
| P235 | Keep cool |
| P240 | Ground/bond container and receiving equipment |
| P241 | Use explosion-proof electrical/ventilating/lighting/equipment |
| P242 | Use only non-sparking tools |
| P243 | Take precautionary measures against static discharge |
| P264 | Wash hands thoroughly after handling |
| P271 | Use only outdoors or in a well-ventilated area |
| P272 | Contaminated work clothing should not be allowed out of the workplace |
| P273 | Avoid release to the environment |

Response:

| | |
|--------------------|---|
| P302 + P352 | IF ON SKIN: Wash with soap and water |
| P303 + P361 + P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing Rinse skin with water/shower |
| P304 + P312 + P340 | IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell Remove victim to fresh air and keep at rest in a position comfortable for breathing |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell |
| P333 + P313 | If skin irritation or a rash occurs: Get medical advice/attention |
| P337 + P313 | If eye irritation persists: Get medical advice/attention |
| P352 | Wash with soap and water |
| P363 | Wash contaminated clothing before reuse |
| P370 + P378 | In case of fire: Use Carbon dioxide (CO2), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material |

2.3 Other Hazards

no data available

3. Composition/Information on Ingredients**3.1 Mixtures**

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

Liquid components embedded in wood fiber substrate.

| CAS# Ingredient | EC# | Conc. Range | GHS Classification | OSHA Classification |
|---|-----------|----------------|--|---------------------------------------|
| 100-52-7 <i>Benzaldehyde</i> | 202-860-4 | 10 - 20 % | H227, H302; H316; H319; H332; H335; H401 | 10, 11, 15, 23, 25, 26, 3, 31, 36, 39 |
| 8050-15-5 <i>Methyl ester of rosin (partially hydrogenated)</i> | 232-476-2 | 10 - 20 % | H402; H412 | 31 |
| 93-04-9 <i>2-Methoxynaphthalene (beta-Naphthyl methyl ether, Nerolin, Yara Yara)</i> | 202-213-6 | 2 - 5 % | H302; H401 | 3 |
| 628-63-7 <i>Amyl Acetate</i> | 211-947-3 | 2 - 5 % | H226 | |
| 140-11-4 <i>Benzyl acetate</i> | 205-399-7 | 2 - 5 % | H227, H303, H316; H401 | 15, 25, 26, 31, 39 |
| 121-33-5 <i>Vanillin</i> | 204-465-2 | 2 - 5 % | H303, H319 | 31 |
| 98-55-5 <i>alpha-Terpineol</i> | 202-680-6 | 1 - 2 % | H227; H303, H315, H319; H401 | 11, 15, 23 |
| 8008-57-9 <i>Citrus aurantium dulcis (Orange) oil</i> | 232-433-8 | 1 - 2 % | H226; H304; H315, H400; H410 | 12, 3, 31 |
| 101-84-8 <i>Diphenyl Ether</i> | 202-981-2 | 1 - 2 % | H303, H320, H401, H411 | 12, 15, 21, 27, 28 |
| 141-78-6 <i>Ethyl acetate</i> | 205-500-4 | 1 - 2 % | H225; H319; H336 | 16, 24, 25, 27 |
| 106-30-9 <i>Ethyl heptanoate</i> | 203-382-9 | 1 - 2 % | H226; H316 | 12 |
| 104-55-2 <i>Cinnamal</i> | 203-213-9 | 0.1 - 1.0 % | H303; H312; H315, H317; H319; H401 | 10, 12, 16, 26, 31, 36 |

See Section 16 for full text of GHS classification codes

4. First Aid Measures

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

Eye Exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Skin Exposure: Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.

Ingestion: Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: no data available

Risks: Refer to Section 2.2 "Hazard Statements"

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Refer to Section 2.2 "Response"

5. Fire-Fighting measures

5.1 Extinguishing media

Suitable: Carbon dioxide (CO₂), Dry chemical, Foam

Unsuitable: Do not use a direct water jet on burning material

5.2 Special hazards arising from the substance or mixture

During fire fighting: Water may be ineffective

5.3 Advice for firefighters

Further information: Standard procedure for chemical fires

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections

Not Applicable

7. Handling and Storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

7.3 Specific end uses

No information available

8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits:

| Component | ACGIH (TWA ppm) | ACGIH (STEL ppm) | OSHA (TWA ppm) | OSHA (STEL ppm) |
|-------------------------|-----------------|------------------|----------------|-----------------|
| 628-63-7 Amyl Acetate | 50 | 100 | 100 | |
| 140-11-4 Benzyl acetate | 10 | | | |
| 101-84-8 Diphenyl Ether | | | 1 | |
| 141-78-6 Ethyl acetate | 400 | | 400 | |

Engineering Controls: Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment

Eye protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure

Respiratory protection: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

Skin protection: Avoid Skin contact. Use chemically resistant gloves as needed.

9. Physical and Chemical Properties

| | | |
|---|---|--|
| Physical state Liquid impregnated fiber block | Odor and appearance Brown colored fiber block, odor: cherry | |
| Solubility in water insoluble | Vapor pressure (mm Hg) 2.2979 | Vapor density (Air=1) not available |
| Evaporation (butyl acetate = 1) not available | Flash point 134 F (56.67 C) | % VOC 16% |
| Flammability limits in air, lower, % by volume 40 g/m3 for wood dust | Auto-ignition temperature 399.2 - 500 °F (204.4 - 260 °C) for wood | |

10. Stability and Reactivity

10.1 Reactivity None

10.2 Chemical stability Stable

10.3 Possibility of hazardous reactions None known

10.4 Conditions to avoid None known

10.5 Incompatible materials Strong oxidizing agents, strong acids, and alkalis

10.6 Hazardous decomposition products None known

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - (Rat) mg/kg (LD50: 3,496.50) May be harmful if swallowed

Acute toxicity - Dermal - (Rabbit) mg/kg (LD50: 4,682.43) May be harmful in contact with skin

Acute toxicity - Inhalation - (Rat) mg/L/4hr (LC50: 17.12) Harmful if inhaled

Skin corrosion / irritation Causes mild skin irritation

Serious eye damage / irritation Causes serious eye irritation

Respiratory sensitization Not classified - the classification criteria are not met

Skin sensitization May cause an allergic skin reaction

Germ cell mutagenicity Not classified - the classification criteria are not met

Carcinogenicity Not classified - the classification criteria are not met

Reproductive toxicity Not classified - the classification criteria are not met

Specific target organ toxicity - single exposure Not classified - the classification criteria are not met

Specific target organ toxicity - repeated exposure Not classified - the classification criteria are not met

Aspiration hazard Not classified - the classification criteria are not met

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity Toxic to aquatic life

Chronic aquatic toxicity Harmful to aquatic life with long lasting effects

Toxicity Data on soil no data available

Toxicity on other organisms no data available

12.2 Persistence and degradability no data available

12.3 Bioaccumulative potential no data available

12.4 Mobility in soil no data available

12.5 Other adverse effects no data available

13.1 Waste treatment methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

14. Transport Information

DOT

Proper shipping name Limited quantity

IMDG

Proper shipping name 3175 - Solids containing flammable liquid, n.o.s (EXTRACTS, AROMATIC, LIQUID)
Hazard class 4.1
UN Number UN3175
Packing Group II
EmS No. F-A, S-I

15. Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act): All components of the substance/mixture are listed or exempt
40 CFR (EPCRA, SARA, CERCLA and CAA) This product contains the following components:
628-63-7 211-047-3 2 - 5 % Amyl Acetate
141-78-6 205-500-4 1 - 2 % Ethyl acetate

U.S. State Regulations:

California Proposition 65 Warning This product contains the following components:
Safrole 94-59-7 (<= 4 ppm) Carcinogen
Methyl Eugenol 93-15-2 (<= 2 ppm) Carcinogen

Canadian Regulations:

DSL / NDSL 100.00% of the components are listed or exempt.

16. Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

| | |
|---|---|
| (TFV) Risk | (TFV) Risk |
| (3.13) Skin Corrosion/Irritation, Category 3 | (5.00) Sensitization, Skin, Category 1A |
| (2.96) Eye Damage/Eye Irritation, Category 2A | (2.24) Aquatic Acute Toxicity, Category 2 |
| (9.74) Aquatic Chronic Toxicity, Category 3 | |

Disclaimer

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Material Safety Data Sheet