

**Safety Data Sheet**

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** odor<sub>x</sub>® Bad Odor Block Apple  
**Product code:** LG-F1005  
**Recommended Use:** Deodorizer

**Supplier** ProRestore Products  
1016 Greentree Road, Suite 115  
Pittsburgh, PA 15220  
Phone: (412) 264-8340

**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**

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Flammable Liquids, Category 4  
Skin Corrosion/Irritation, Category 3  
Sensitization, Skin, Category 1B  
Eye Damage/Eye Irritation, Category 2A  
Acute Toxicity Inhalation, Category 4  
Aquatic Acute Toxicity, Category 2  
Aquatic Chronic Toxicity, Category 3

H227: Combustible liquid  
H316: Causes mild skin irritation  
H317: May cause an allergic skin reaction  
H319: Causes serious eye irritation  
H332: Harmful if inhaled  
H401: Toxic to aquatic life  
H412: Harmful to aquatic life with long lasting effects

**Classification OSHA (Provisions 1910.1200 of title 29)**

Flammability Class IIIA  
Acute Dermal/Eye 12 :  
15:  
Acute Inhalation 23:  
25 :  
  
Acute Oral 2 :  
Reproductive/Developmental 39 :  
Sensitization/Allergic Response 31 :  
Target Organ Effects 26 :

Combustible Liquid  
Causes moderate skin irritation.  
May cause eye irritation.  
May cause respiratory tract irritation.  
Inhalation at high levels may cause: tremors, labored breathing, hypothermia, lethargy, ataxia.  
Harmful if swallowed  
Causes reproductive/developmental toxicity in animals.  
May cause allergic skin reaction.  
Prolonged or repeated ingestion may cause damage to: kidneys, stomach, brain, tongue, mucous membranes, musculo-skeletal system.  
This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following:  
None [X] ACGIH [ ] IARC [ ] NTP [ ] OSHA [ ]

Carcinogenicity

**2.2 Label elements**



**Signal Word: Warning**

**Hazard statements**

H227 Combustible liquid  
H316 Causes mild skin irritation  
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**Precautionary Statements**

**Prevention:**

P235 Keep cool  
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  
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  
P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention  
P337 + P313 If eye irritation persists: Get medical advice/attention  
P363 Wash contaminated clothing before reuse  
P370 + P378 In case of fire: Use Carbon dioxide (CO<sub>2</sub>), 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
105-53-3 <i>Diethyl malonate</i>	203-305-9	5 - 10 %	H227; H316; H319	
140-11-4 <i>Benzyl acetate</i>	205-399-7	5 - 10 %	H227; H303; H316; H401	15, 25, 26, 31, 39
98-55-5 <i>alpha-Terpineol</i>	202-680-6	2 - 5 %	H227; H303; H315; H319; H401	11, 15, 23
141-97-9 <i>Ethyl acetoacetate</i>	205-516-1	2 - 5 %	H227; H303; H316	
88-41-5 <i>2-t-Butylcyclohexyl acetate</i>	201-828-7	1 - 2 %	H227; H303; H316; H401; H411	12, 2
142-19-8 <i>Allyl heptanoate</i>	205-527-1	1 - 2 %	H227; H301; H311; H316; H331; H400; H412	11, 15, 3
77-83-8 <i>Ethyl methylphenylglycidate</i>	201-061-8	1 - 2 %	H317; H401; H411	11, 15
80-54-6 <i>Butylphenyl Methylpropional</i>	201-289-8	0.1 - 1.0 %	H302; H315; H361; H401; H411	11, 15, 26, 28, 3, 31, 39

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 0.00

**4. First Aid Measures**

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**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 (CO<sub>2</sub>), 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

## 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)
140-11-4 Benzyl acetate	10			

**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: apple	
Solubility in water: insoluble	Vapor pressure (mm Hg): 0.6687	Vapor density (Air=1): not available
Evaporation (butyl acetate = 1) not available	Flash point: 160 F (71.11 C)	VOC: 8%
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

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

**Acute toxicity - Oral - (Rat) mg/kg** (LD50: 5,208.33) Not classified - the classification criteria are not met

**Acute toxicity - Dermal - (Rabbit) mg/kg** (LD50: 9,345.79) Not classified - the classification criteria are not met

**Acute toxicity - Inhalation - (Rat) mg/L/4hr** (LC50: 19.04) 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. Disposal Considerations

### 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

<u>DOT</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>IATA</u>	Not regulated

## 15. Regulatory Information

### U.S. Federal Regulations:

**TSCA (Toxic Substance Control Act):** TSCA status undetermined

**40 CFR(EPCRA, SARA, CERCLA and CAA)** This product contains NO components of concern.

### U.S. State Regulations:

**California Proposition 65 Warning** No Warning required

### Canadian Regulations:

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

144020-22-4 482-330-9 <= 0 ppm Acetic acid, anhydride, reaction products with 1,5,10-trimethyl-1,5,9-cyclododec

## 16. Other Information

### GHS H-Statements referred to under section 3

#### Total Fractional Values

(TFV) Risk	(TFV) Risk
(2.60) Skin Corrosion/Irritation, Category 3	(1.18) Sensitization, Skin, Category 1B
(1.61) Eye Damage/Eye Irritation, Category 2A	(1.91) Aquatic Acute Toxicity, Category 2
(5.78) 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