

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Odor_x® Bad Odor Block Lemon Lime
Product code: W.50206
Recommended Use: Professional Deodorizer

Supplier

Legend Brands
 ProRestore Products
 15180 Josh Willson Road
 Burlington, WA 98233
 800-932-3030

Legend Brands
 4520 Eastgate Parkway
 Mississauga, ON L4W 3W6
 800-932-3030

For further information, please contact: ehs@prorestoreproducts.com

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 (CLP)

Flammable Liquids, Category 3	H226: Flammable liquid and vapor
Aspiration Hazard, Category 1	H304: May be fatal if swallowed and enters airways
Skin Corrosion/Irritation, Category 2	H315: Causes skin irritation
Sensitization, Skin, Category 1B	H317: May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319: Causes serious eye irritation

Classification OSHA (Provisions 1910.1200 of title 29)

Flammability	Class II Flammable Liquid
Acute Dermal/Eye	12 : Causes severe skin irritation. 16 : Causes moderate eye irritation.
Acute Oral	3: May be harmful if swallowed or if aspirated into the lungs. 4: Harmful if fatal or if swallowed, can enter lungs and cause damage
Sensitization/Allergic Response	31: May cause an allergic skin reaction.
Carcinogenicity	This mixture contains ingredients identified as carcinogens, as 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: Danger

Hazard statements

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

Precautionary Statements

Prevention:

P233 Keep container tightly closed

P235
P264
P272

Keep cool
Wash hands thoroughly after handling
Contaminated work clothing should not be allowed out of the workplace

Response:

P301 + P310 + P331

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting

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

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

P352

Wash with soap and water

P362

Take off contaminated clothing and wash before reuse

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

P391

Collect Spillage

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
68647-72-3 <i>Limonene</i>	232-433-8	10 - 20 %	H226; H304; H315; H317; H400; H410	12, 3, 31
8007-35-0 <i>Terpineol acetate</i>	232-357-5	5 - 10 %	H316; H401; H411	11
8008-57-9 <i>Citrus aurantium dulcis (Orange) oil</i>	232-433-8	5 - 10 %	H226; H304; H315; H400; H410	12, 3, 31
98-55-5 <i>alpha-Terpineol</i>	202-680-6	5 - 10 %	H227; H303; H315; H319; H401	11, 15, 23
68956-56-9 <i>Hydrocarbons, terpene processing by-products</i>	273-309-3	2 - 5 %	H226; H304; H315; H401; H411	12, 16, 23, 31
106-25-2 <i>Nerol</i>	203-378-7	2 - 5 %	H303; H315; H317; H319; H402	15
32210-23-4 <i>4-tert-Butylcyclohexyl acetate</i>	250-954-9	1 - 2 %	H303; H317; H401	11, 15
99-87-6 <i>p-Cymene</i>	202-796-7	1 - 2 %	H226; H303; H304; H316; H401; H411	11, 15
51566-62-2 <i>Citronellyl nitrile</i>	257-288-8	1 - 2 %	H303; H402	
68855-99-2 <i>Litsea cubeba fruit oil</i>	290-018-7	1 - 2 %	H227; H411	12, 15, 31, 4
122-40-7 <i>Amyl Cinnamal</i>	204-541-5	0.1 - 1.0 %	H303; H316; H317; H401; H411	11, 15
147060-73-9 <i>2,6-Octadienal, 3,7-dimethyl-, reaction products with Et alc.</i>	291-768-8	0.1 - 1.0 %	H226; H315; H317; H402; H412	11, 15
91-64-5 <i>Coumarin</i>	202-086-7	0.1 - 1.0 %	H302; H317; H402	12, 15, 2, 26, 31, 9

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 25.89

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: Contains no substances with occupational exposure limit values

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: Lemon lime	
Solubility in water insoluble	Vapor pressure (mm Hg) 0.4436	Vapor density (Air=1) not available
Evaporation (butyl acetate = 1) not available	Flash point 135 F (57.22 C)	VOC: 31.03%
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: 5,175.40) Not classified - the classification criteria are not met

Acute toxicity - Dermal - (Rabbit) mg/kg (LD50: 4,939.35) May be harmful in contact with skin

Acute toxicity - Inhalation - (Rat) mg/L/4hr (LC50: 26.91) May be harmful if inhaled

Skin corrosion / irritation Causes 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 May be fatal if swallowed and enters airways

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity Not classified - the classification criteria are not met

Chronic aquatic toxicity Toxic 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. Transportation Information

<u>DOT</u>	Limited quantity
<u>MEX</u>	-
<u>IMDG</u>	
Proper shipping name	3175 - Solids containing flammable liquid, n.o.s (LIMONENE AND ORANGE OIL)
Hazard class	4.1
UN	3175
Packing Group	II
EmS No.	F-A,S-I
<u>IATA</u>	Air transport is not recommended.

15. Regulatory Information

US 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 NO components of concern.

US State Regulations:

California Proposition 65 Warning: This product contains the following components:
123-35-3 204-622-5 0.1 – 1.0% beta-Myrcene (NFS)

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
(2.66) Aspiration Hazard, Category 1	(3.58) Skin Corrosion/Irritation, Category 2
(2.30) Sensitization, Skin, Category 1B	(1.16) Eye Damage/Eye Irritation, Category 2A
(9.36) Aquatic Chronic Toxicity, Category 2	

Disclaimer

The information provided on this SDS 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 Safety Data Sheet