

# Safety Data Sheet

## 1. Identification

<b>Product Information.</b>	104246
<b>Product Name:</b>	Crystal Odor Counteractant PROFESSIONAL CHERRY
<b>Recommended Use.</b>	Professional Deodorizer
<b>Uses advised against.</b>	Professional Use Only
<b>Supplier.</b>	Legend Brands ProRestore Products 15180 Josh Wilson Road Burlington, WA 98233 E-Mail: sds@legendbrands.com 800-932-3030  Legend Brands 4520 Eastgate Parkway Mississauga, ON L4W 3W6 800-932-3030
<b>Emergency telephone number.</b>	INFOTRAC 1-800-535-5053 (North America) +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).

Carcinogenicity, category 1A  
Skin Corrosion, category 1  
STOT, repeated exposure, category 1

### GHS Pictograms



### Signal Word

Danger

### Unknown Acute Toxicity

27.9% of the mixture consists of ingredient(s) of unknown acute toxicity

### HAZARD STATEMENTS

Causes severe skin burns and eye damage.

May cause cancer.

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.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash face, hands and any exposed skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

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

#### Precautionary Statements - Response.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

IF exposed or concerned: Get medical advice/attention.

Immediately call a POISON CENTER or doctor/physician.

Wash contaminated clothing before reuse.

#### Precautionary Statements - Storage.

Store locked up.

#### Precautionary Statements - Disposal.

Dispose of contents/ container to an approved waste disposal plant.

### 3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>HMIRA</u>
BENTONITE	1302-78-9	10-30	
Amorphous Silica	7631-86-9	10-30	
Aluminum Oxide	1344-28-1	7-13	
Iron oxide	1309-37-1	7-13	
CALCIUM OXIDE/LIME	1305-78-8	3-7	
BENZALDEHYDE	100-52-7	1-5	
AMYL ACETATE	628-63-7	1-5	
MAGNESIUM OXIDE	1309-48-4	1-5	
DIPROPYLENE GLYCOL	25265-71-8	1-5	
Crystalline silica (Quartz) (Respirable)	14808-60-7	0.5-1.5	
Isopropyl alcohol	67-63-0	0.1-1.0	
Potassium oxide	12136-45-7	0.1-1.0	
Titanium dioxide	13463-67-7	0.1-1.0	
Benzyl acetate	140-11-4	0.1-1.0	
TERPENES AND TERPENOIDS, SWEET ORANGE-OIL	68647-72-3	0.1-1.0	
2,4-PENTANEDIOL, 2-METHYL-	107-41-5	0.1-1.0	
Orange Oil	8008-57-9	0.1-1.0	
Anisaldehyde	123-11-5	0.1-1.0	
2-PROPENAL, 3 PHENYL-	104-55-2	0.1-1.0	
Ethylene brassylate	105-95-3	0.1-1.0	
Petitgrain Paraguay oil	8014-17-3	0.1-1.0	

### 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-TL STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Aluminum Oxide	N.E.	N.E.	15 mg/m <sup>3</sup>	N.E.

Iron oxide	5 mg/m <sup>3</sup>	N.E.	10 mg/m <sup>3</sup>	N.E.
CALCIUM OXIDE/LIME	2 mg/m <sup>3</sup>	N.E.	5 mg/m <sup>3</sup>	N.E.
AMYL ACETATE	50 ppm	100 ppm	100 ppm	N.E.
MAGNESIUM OXIDE	10 mg/m <sup>3</sup>	N.E.	15 mg/m <sup>3</sup>	N.E.
Crystalline silica (Quartz) (Respirable)	0.025 mg/m <sup>3</sup>	N.E.	50 µg/m <sup>3</sup>	N.E.
Isopropyl alcohol	200 ppm	400 ppm	400 ppm	N.E.
Titanium dioxide	10 mg/m <sup>3</sup>	N.E.	15 mg/m <sup>3</sup>	N.E.
Benzyl acetate	10 ppm	N.E.	N.E.	N.E.
2,4-PENTANEDIOL, 2-METHYL-	25 ppm	50 ppm	N.E.	N.E.

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.

Physical state	Powder
Appearance	Granules
Color	Black
Odor	Cherry
Odor Threshold	No Information
pH	Not applicable
Melting/freezing point., °C (°F)	No Information
Flash Point., °C (°F)	43 (109.40)
Boiling point/boiling range., °C (°F)	77 - 3,600 (170.6 - 6512)
Evaporation rate	Faster than Diethyl Ether
Explosive properties.	No Information
Vapor pressure.	No Information
Vapor density.	No Information
Specific Gravity. (g/cm <sup>3</sup> )	Not Applicable
Water solubility.	Practically insoluble
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.	<10%
Density, lb/gal	No Information

## 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)	6,148.0 mg/kg
ATEmix (dermal)	4,409.4 mg/kg
ATEmix (inhalation - vapor)	77.97 mg/l

#### Component Information.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
1302-78-9	BENTONITE	N.I.	0	20 (Vapor)
7631-86-9	Amorphous Silica	7900 mg/kg Rat	>2000 mg/kg Rabbit	N.I.
1344-28-1	Aluminum Oxide	>5000 mg/kg Rat	N.I.	N.I.
1305-78-8	CALCIUM OXIDE/LIME	500 mg/kg Rat	N.I.	N.I.
100-52-7	BENZALDEHYDE	1292 mg/kg Rat	>1250 mg/kg Rabbit	N.I.
628-63-7	AMYL ACETATE	6500 mg/kg Rat	N.I.	N.I.
67-63-0	Isopropyl alcohol	5840 mg/kg ( Rat )	13,900 mg/kg ( Rabbit )	N.I.
140-11-4	Benzyl acetate	2490	N.I.	N.I.
68647-72-3	TERPENES AND TERPENOIDS, SWEET ORANGE-OIL	4400 mg/kg ( Rat )	>5000	N.I.
107-41-5	2,4-PENTANEDIOL, 2-METHYL-	3700 mg/kg Rat	12300 mg/kg Rabbit	>.3 mg/L Rat (Vapor)
8008-57-9	Orange Oil	4400	>5000 mg/kg Rabbit	N.I.
123-11-5	Anisaldehyde	>2000 mg/kg Rat	>5000 mg/kg Rabbit	>0.32 mg/L Rat (Vapor)
104-55-2	2-PROPENAL, 3 PHENYL-	2220 mg/kg Rat	1260 mg/kg Rabbit	N.I.
105-95-3	Ethylene brassylate	>5000 mg/kg Rat	>5000 mg/kg Rabbit	N.I.
8014-17-3	Petitgrain Paraguay oil	>5000 mg/kg Rat	N.I.	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>
7631-86-9	Amorphous Silica	IARC Group 3	-	-
1309-37-1	Iron oxide	IARC Group 3	-	-
14808-60-7	Crystalline silica (Quartz) (Respirable)	IARC Group 1	NTP Known Human Carcinogen	-
13463-67-7	Titanium dioxide	IARC Group 2B	-	-
140-11-4	Benzyl acetate	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.**

19.86% 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>
BENTONITE 1302-78-9	-	LC50 96 h Oncorhynchus mykiss 19000 mg/L	-
Amorphous Silica 7631-86-9	EC50 72 h Pseudokirchneriella subcapitata 440 mg/L	LC50 96 h Brachydanio rerio 5000 mg/L	EC50 48 h Ceriodaphnia dubia 7600 mg/L
Iron oxide 1309-37-1	-	LC50 96 h Danio rerio 100000 mg/L	-
CALCIUM OXIDE/LIME 1305-78-8	-	LC50 96 h Cyprinus carpio 1070 mg/L	-
BENZALDEHYDE 100-52-7	-	LC50 96 h Oncorhynchus mykiss 10.6 - 11.8 mg/L, LC50 96 h Oncorhynchus mykiss 12.69 mg/ L, LC50 96 h Lepomis macrochirus 0.8 - 1.44 mg/L, LC50 96 h Pimephales promelas 6.8 - 8.53 mg/L, LC50 96 h Lepomis macrochirus 7.5 mg/L	-
AMYL ACETATE 628-63-7	-	LC50 96 h Lepomis macrochirus 650 mg/L	-
Isopropyl alcohol 67-63-0	EC50 96 h Desmodosmus subspicatus >1000 mg/L, EC50 72 h Desmodosmus subspicatus >1000 mg/L	LC50 96 h Pimephales promelas 9640 mg/L, LC50 96 h Pimephales promelas 11130 mg/ L, LC50 96 h Lepomis macrochirus >1400000 µg/L	EC50 48 h Daphnia magna 13299 mg/L

2,4-PENTANEDIOL, 2-METHYL- 107-41-5	-	LC50 96 h Pimephales promelas 10500 - 11000 mg/L, LC50 96 h Lepomis macrochirus 10000 mg/ L, LC50 96 h Pimephales promelas 8690 mg/L, LC50 96 h Pimephales promelas 10700 mg/ L	EC50 48 h Daphnia magna 2700 - 3700 mg/L
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**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>
100-52-7	BENZALDEHYDE	1.48
67-63-0	Isopropyl alcohol	0.05
140-11-4	Benzyl acetate	1.96
107-41-5	2,4-PENTANEDIOL, 2-METHYL-	<0.14
104-55-2	2-PROPENAL, 3 PHENYL-	2.22

**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**

Packing Group: III

**IMDG**

No Information

**IATA**

No Information

### 15. Regulatory Information

**International Inventories:**

TSCA	Complies
DSL	Complies
DSL/NDSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	Complies
KECI	Complies
PICCS	Complies
AICS	Complies
NZIoC	Complies
TCSI	

