

Safety Data Sheet

1. Identification

Product Information.	104246
Product Name:	Crystal Odor Counteractant PROFESSIONAL CHERRY
Recommended Use.	Professional Deodorizer
Uses advised against.	Professional Use Only
Supplier.	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
Emergency telephone number.	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-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Aluminum Oxide	N.E.	N.E.	15 mg/m ³	N.E.

Iron oxide	5 mg/m ³	N.E.	10 mg/m ³	N.E.
CALCIUM OXIDE/LIME	2 mg/m ³	N.E.	5 mg/m ³	N.E.
AMYL ACETATE	50 ppm	100 ppm	100 ppm	N.E.
MAGNESIUM OXIDE	10 mg/m ³	N.E.	15 mg/m ³	N.E.
Crystalline silica (Quartz) (Respirable)	0.025 mg/m ³	N.E.	50 µg/m ³	N.E.
Isopropyl alcohol	200 ppm	400 ppm	400 ppm	N.E.
Titanium dioxide	10 mg/m ³	N.E.	15 mg/m ³	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 ³)	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	

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian Domestic Substances List.
DSL/NDL	Canadian Domestic Substances List/Canadian Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical 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 D2A

16. Other Information

Revision Date:	5/28/2021	Supersedes Date:	New SDS
Reason for revision:	No Information		
Datasheet produced by:	Regulatory Department		

HMIS Ratings:

Health:	N.I.	Flammability:	N.I.	Physical Hazard:	N.I.	Personal Protection:	N.I.
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NFPA Ratings:

Health:	N.I.	Flammability:	N.I.	Instability:	N.I.	Physical & Chemical:	N.I.
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

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.