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

GHS Classification in accordance with 29 CFR 1910.1200
Carcinogenicity, category 1A
Skin Irritation, category 2
Skin Sensitizer, 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 skin irritation.
May cause an allergic skin reaction.
May cause cancer.

Precautionary Statements - Prevention.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response.
If on skin: Wash with plenty of water.

If exposed or concerned: Get medical advice/attention.
Specific treatment (If applicable, see label for any additional instructions).
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

Precautionary Statements - Storage.
Store locked up.

Precautionary Statements - Disposal.
Dispose of contents in accordance with local/regional/national/international regulations.

3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %
BENTONITE	1302-78-9	25-50
Amorphous Silica	7631-86-9	25-50
Aluminum Oxide	1344-28-1	10-25
Iron oxide	1309-37-1	10-25
CALCIUM OXIDE/LIME	1305-78-8	2.5-10
BENZALDEHYDE	100-52-7	2.5-10
AMYL ACETATE	628-63-7	1.0-2.5
MAGNESIUM OXIDE	1309-48-4	1.0-2.5
DIPROPYLENE GLYCOL	25265-71-8	1.0-2.5
Crystalline silica (Quartz) (Respirable)	14808-60-7	1.0-2.5
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
D-limonene	5989-27-5	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
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

The exact percentage (concentration) of composition has been withheld as a trade secret.

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

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
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	0.2 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)	120 (248.00)
Boiling point/boiling range., °C (°F)	77 - 3,600 (170.6 - 6512)
Evaporation rate	No Information Available
Explosive properties.	No Information
Vapor pressure.	No Information
Vapor density.	No Information
Specific Gravity. (g/cm^3)	2.037
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	16.966

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)	6,231.8 mg/kg
ATEmix (dermal)	21,215.9 mg/kg
ATEmix (inhalation - vapor)	77.97 mg/l

Component Information.

CAS-No.	Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
1302-78-9	BENTONITE	N.I.	0	20 (Vapor)
7631-86-9	Amorphous Silica	7900 mg/kg Rat	>5000 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.
5989-27-5	D-limonene	5200 mg/kg, 4400 mg/kg Rat	>5000 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)
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.

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

CAS-No.	Chemical Name	IARC	NTP	OSHA
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	-	-
5989-27-5	D-limonene	IARC Group 3	-	-
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.

19.57% of the mixture consists of ingredient(s) of unknown aquatic toxicity

Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
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 Desmodesmus subspicatus >1000 mg/L, EC50 72 h Desmodesmus 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
D-limonene 5989-27-5	-	LC50 96 h Pimephales promelas 0.619 - 0.796 mg/L, LC50 96 h Oncorhynchus mykiss 35 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

Persistence and degradability.

No data are available on the product itself.

Bioaccumulative potential.

Discharge into the environment must be avoided.

CAS-No.	Chemical Name	log POW
100-52-7	BENZALDEHYDE	1.4
25265-71-8	DIPROPYLENE GLYCOL	-0.462
67-63-0	Isopropyl alcohol	0.05
5989-27-5	D-limonene	4.38
140-11-4	Benzyl acetate	1.96
107-41-5	2,4-PENTANEDIOL, 2-METHYL-	<0.14
123-11-5	Anisaldehyde	1.56
104-55-2	2-PROPENAL, 3 PHENYL-	2.1065, 1.83
105-95-3	Ethylene brassylate	4.3

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	No Information
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
AIIC	Complies
NZIoC	Complies
TCSI	

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian Domestic Substances List.
DSL/NDSL	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.
AIIC	Australian Inventory of Chemical Substances.
NZIoC	New Zealand Inventory of Chemicals.
TCSI	Taiwan Chemical Substance Inventory

U.S. Federal Regulations:

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372: .

Chemical Name	CAS-No.	Weight Percent
Aluminum Oxide	1344-28-1	10-25

TOXIC SUBSTANCES CONTROL ACT 12(b):

This product does not contain any chemicals that are subject to the reporting requirements of TSCA 12(b).

ADDITIONAL INFORMATION

Additional Information - Sxn 15: No Information

CALIFORNIA PROPOSITION 65 CARCINOGENS

WARNING

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:.

Chemical Name	CAS-No.
Crystalline silica (Quartz) (Respirable)	14808-60-7
Titanium dioxide	13463-67-7
Beryllium	7440-41-7
Cadmium	7440-43-9

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

WARNING

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

Chemical Name	CAS-No.
Cadmium	7440-43-9

NOTICE

Constituents of this product may include crystalline silica which, if inhalable, may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimis exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

16. Other Information

Revision Date: 10/25/2022 **Supersedes Date:** 6/2/2021

Reason for revision:
Revision Description Changed
Product Composition Changed
Substance and/or Product Properties Changed in Section(s):
01 - Product Information
08 - Exposure Controls/Personal Protection
09 - Physical & Chemical Information
11 - Toxicological Information
12 - Ecological Information
14 - Transportation Information
Substance Chemical Name Changed
Substance Hazardous Flag Changed
Substance Hazard Threshold % Changed
Revision Statement(s) Changed

Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	N.I.	**Flammability:**	N.I.	**Physical Hazard:**	N.I.	**Personal Protection:**	N.I.

NFPA Ratings:

Health:	N.I.	**Flammability:**	N.I.	**Instability:**	N.I.	**Physical & Chemical:**	N.I.

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.