



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name**                      **Carbona Carpet Pet Stain and Odor Remover**  
**Version #**                              1.0  
**Issue date**                            11-14-2013  
**Revision date**                        11-14-2013  
**CAS #**                                    Mixture  
**Product code**                        021-13  
**Product use**                            Consumer use  
**Manufacturer**  
**Address**                                376 Hollywood Ave., Suite 208  
  Fairfield, NJ 07004  
**Company name**                        Delta Carbona L.P.  
  USA  
**Telephone number**                    (973)808-6260  
**Fax**                                        (973)8008-5661  
**Contact person**                        Tim Wells  
**E-mail**                                    Twells@carbona.com  
**Emergency telephone number**    (973) 808-6260

## 2. Hazards Identification

**Emergency overview**                Prolonged exposure may cause chronic effects.  
**OSHA regulatory status**              This product is not hazardous according to OSHA 29CFR 1910.1200.  
**Potential health effects**  
    **Routes of exposure**                Inhalation. Ingestion. Skin contact. Eye contact.  
    **Eyes**                                    Do not get this material in contact with eyes. Substance causes slight eye irritation.  
    **Skin**                                    Avoid contact with the skin. Substance may cause slight skin irritation.  
    **Inhalation**                            Do not breathe dust/fume/gas/mist/vapors/spray.  
    **Ingestion**                            Do not ingest.

## 3. Composition / Information on Ingredients

<b>Components</b>	<b>CAS #</b>	<b>Percent</b>
HYDROGEN PEROXIDE	7722-84-1	1 - 2.5
Other components below reportable levels		90 - 100

## 4. First Aid Measures

**First aid procedures**  
    **Eye contact**                        Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.  
    **Skin contact**                        Immediately flush skin with plenty of water. Get medical attention if irritation develops and persists.  
    **Inhalation**                            Move to fresh air. Get medical attention if any discomfort continues. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.  
    **Ingestion**                            IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.  
**Notes to physician**                    In case of shortness of breath, give oxygen. Keep victim warm.

**General advice** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Immediate medical attention is required. In case of shortness of breath, give oxygen. Keep victim warm.

## **5. Fire Fighting Measures**

**Flammable properties** The product is not flammable. No unusual fire or explosion hazards noted.

### **Extinguishing media**

**Suitable extinguishing media** Water fog. Carbon dioxide (CO<sub>2</sub>). Dry chemicals.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**Fire fighting equipment/instructions** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Wear suitable protective equipment. Move container from fire area if it can be done without risk. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

## **6. Accidental Release Measures**

**Personal precautions** Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Local authorities should be advised if significant spillages cannot be contained. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them.

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not contaminate water.

**Methods for containment** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewer, basements or confined areas.

**Methods for cleaning up** Should not be released into the environment.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use. For waste disposal, see section 13 of the MSDS.

## **7. Handling and Storage**

**Handling** Do not breathe dust/fume/gas/mist/vapors/spray. Do not get this material in contact with eyes. Do not get this material on clothing. Do not use in areas without adequate ventilation. Wash thoroughly after handling. Avoid release to the environment. Handle and open container with care.

**Storage** Store in a well-ventilated place. Keep container tightly closed. Keep away from food, drink and animal feedingstuffs. Keep out of the reach of children. Use care in handling/storage.

## **8. Exposure Controls / Personal Protection**

### **Occupational exposure limits**

#### **US. ACGIH Threshold Limit Values**

<b>Components</b>	<b>Type</b>	<b>Value</b>
HYDROGEN PEROXIDE (7722-84-1)	TWA	1 ppm

#### **US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

<b>Components</b>	<b>Type</b>	<b>Value</b>
HYDROGEN PEROXIDE (7722-84-1)	PEL	1.4 mg/m <sup>3</sup>
		1 ppm

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

### **Personal protective equipment**

**Eye / face protection** Do not get in eyes. If risk of splashing, wear safety goggles or face shield.

**Skin protection** Normal work clothing (long sleeved shirts and long pants) is recommended.

**Respiratory protection** Do not breathe dust/fume/gas/mist/vapors/spray.

**General hygiene considerations** When using, do not eat, drink or smoke. Do not get in eyes.

## **9. Physical & Chemical Properties**

### **9.1. Information on basic physical and chemical properties**

#### **Appearance**

<b>Physical state</b>	Liquid.
<b>Form</b>	liquid
<b>Color</b>	Colorless.
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	5.6
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not applicable.

#### **Upper/lower flammability or explosive limits**

<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not applicable.
<b>Vapor density</b>	Not applicable.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not available.

### **9.2. Other information**

<b>Density</b>	1.01 g/cm <sup>3</sup>
<b>VOC (Weight %)</b>	1.2 % w/w

## **10. Chemical Stability & Reactivity Information**

<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Conditions to avoid</b>	None under normal conditions.
<b>Incompatible materials</b>	Not available.
<b>Hazardous decomposition products</b>	Sulfur oxides. Carbon oxides.

## **11. Toxicological Information**

<b>Acute effects</b>	May be slightly irritating to skin and eyes.
<b>Local effects</b>	Irritating to respiratory system.
<b>Chronic effects</b>	Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

#### **ACGIH Carcinogens**

HYDROGEN PEROXIDE (CAS 7722-84-1)	A3 Confirmed animal carcinogen with unknown relevance to humans.
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#### **IARC Monographs. Overall Evaluation of Carcinogenicity**

HYDROGEN PEROXIDE (CAS 7722-84-1)	3 Not classifiable as to carcinogenicity to humans.
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<b>Skin corrosion/irritation</b>	Hazardous by OSHA criteria.
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## **12. Ecological Information**

<b>Ecotoxicity</b>	Contains a substance which causes risk of hazardous effects to the environment.
<b>Environmental effects</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
<b>Persistence and degradability</b>	Not available.

## **13. Disposal Considerations**

<b>Waste codes</b>	D002: Waste Corrosive material [pH <=2 or =>12.5, or corrosive to steel]
<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations.
<b>Waste from residues / unused products</b>	Not applicable.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.

## **14. Transport Information**

### **DOT**

Not regulated as dangerous goods.

### **IATA**

Not regulated as dangerous goods.

### **IMDG**

Not regulated as dangerous goods.

## **15. Regulatory Information**

<b>US federal regulations</b>	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.  CERCLA/SARA Hazardous Substances - Not applicable.
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### **Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2))**

Not regulated.

### **DEA Essential Chemical Code Number**

Not regulated.

### **Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

Not regulated.

### **DEA Exempt Chemical Mixtures Code Number**

Not regulated.

### **US EPCRA (SARA Title III) Section 302 - Extremely Hazardous Spill: Reportable quantity**

HYDROGEN PEROXIDE (CAS 7722-84-1) 1000 lbs

### **US EPCRA (SARA Title III) Section 302 - Extremely Hazardous Substance: Threshold Planning Quantity**

HYDROGEN PEROXIDE (CAS 7722-84-1) 1000 lbs

### **CERCLA (Superfund) reportable quantity**

None

### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<b>Hazard categories</b>	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
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**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** No

## Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## State regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

### US - New Jersey RTK - Substances: Listed substance

HYDROGEN PEROXIDE (CAS 7722-84-1) Listed.

### US - Pennsylvania RTK - Hazardous Substances: Listed substance

HYDROGEN PEROXIDE (CAS 7722-84-1) Listed.

## 16. Other Information

### Further information

HMIS® is a registered trade and service mark of the NPCA.

### HMIS® ratings

Health: 1  
Flammability: 0  
Physical hazard: 1

### NFPA ratings

Health: 1  
Flammability: 0  
Instability: 1

### Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

### This data sheet contains changes from the previous version in section(s):

Product and Company Identification: Product and Company Identification  
Composition / Information on Ingredients: Ingredients