



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name Carbona Stain Devils Coffee, Tea, Wine & Juice
Version # 1.0
Issue date 03-26-2013
Revision date 03-26-2013
CAS # Mixture
Product code 02112007
Product use consumer use
Manufacturer
Address 376 Hollywood Ave., Suite 208
Fairfield, NJ 07004
Company name Delta Carbona L.P.
USA
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2. Hazards Identification

Emergency overview WARNING
Harmful in contact with eyes. Causes serious eye irritation.

OSHA regulatory status This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

Potential health effects

Routes of exposure Eye contact.

Eyes Eye contact may result in corneal injury. Contact may irritate or burn eyes. Do not get this material in contact with eyes.

Skin Health injuries are not known or expected under normal use.

Inhalation Health injuries are not known or expected under normal use.

Ingestion Health injuries are not known or expected under normal use.

Target organs Eyes.

Chronic effects Conjunctiva.

Signs and symptoms Corneal damage. Conjunctivitis.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Sodium Carbonate Peroxyhydrate	15630-89-4	<= 15
Disodium Disilicate	13870-28-5	<= 3.5

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 immediately.

Skin contact Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Ingestion Do not induce vomiting.

Notes to physician	Symptoms may be delayed. Treat symptomatically.
General advice	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire Fighting Measures

Flammable properties	May explode from heat or contamination. Contact with combustible material may cause fire. These substances will accelerate burning when involved in a fire. Some will react explosively with hydrocarbons (fuels). Some may decompose explosively when heated or involved in a fire. Runoff may create fire or explosion hazard.
Extinguishing media	
Suitable extinguishing media	Carbon dioxide or dry powder.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Protection of firefighters	
Protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Fire fighting equipment/instructions	ALWAYS stay away from tanks engulfed in flame. Move containers from fire area if you can do so without risk. In the event of fire, cool tanks with water spray. Water runoff can cause environmental damage. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Isolate spill or leak area immediately for at least 50 to 100 meters (150 to 330 feet) in all directions. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering them. Avoid inhalation of dust from the spilled material.
Environmental precautions	Runoff from fire control or dilution water may cause pollution.
Methods for containment	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk. Keep combustibles (wood, paper, oil, etc.) away from spilled material. If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.
Methods for cleaning up	This product is miscible in water. Collect dust using a vacuum cleaner equipped with HEPA filter. Avoid dust formation. Following product recovery, flush area with water. For waste disposal, see section 13 of the MSDS.

7. Handling and Storage

Handling	Avoid dust formation. Do not breathe dust from this material. In case of insufficient ventilation, wear suitable respiratory equipment. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Keep away from clothing and other combustible materials. Provide appropriate exhaust ventilation at places where dust is formed. Do not get this material in contact with eyes. Avoid contact with skin and eyes. When using, do not eat, drink or smoke. Wash thoroughly after handling. Practice good housekeeping.
Storage	Keep away from heat, sparks and open flame. Store in a well-ventilated place. Keep container tightly closed. Avoid dust formation. Do not store near combustible materials. Guard against dust accumulation of this material. Use care in handling/storage.

8. Exposure Controls / Personal Protection

Engineering controls	Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing.
Personal protective equipment	
Eye / face protection	Do not get in eyes. Use tight fitting goggles if dust is generated. Eye wash fountain is recommended.
Skin protection	Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2). Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

General hygiene considerations When using, do not eat, drink or smoke. Do not breathe dust. Do not get in eyes. Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state	Solid.
Form	Powder.
Color	White.
Odor	Odorless.
Odor threshold	Not available.
pH	9.9 (1%) @ 20 °C
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	> 212.00 °F (> 100.00 °C)
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapor pressure	Not applicable.
Vapor density	Not applicable.
Relative density	Not available.
Solubility(ies)	miscible
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	not auto-flammable
Decomposition temperature	Not available.
Viscosity	Not applicable.
Explosive properties	Not available.
Oxidizing properties	Not available.

9.2. Other information

Bulk density 900 - 1000 g/l

10. Chemical Stability & Reactivity Information

Chemical stability	Stable; however, may decompose if heated.
Conditions to avoid	Avoid spread of dust. Heat, flames and sparks. Avoid temperatures exceeding the flash point.
Incompatible materials	Water, moisture. Strong acids. Metals.
Hazardous decomposition products	Carbon oxides. Oxygen.

11. Toxicological Information

Toxicological data

Components	Species	Test Results
Disodium Disilicate (13870-28-5)		
Acute		
<i>Oral</i>		
LD50	Mouse	1100 mg/kg
	Rat	1.1 g/kg
Local effects	Contact may irritate or burn eyes.	
Chronic effects	Hazardous by OSHA criteria.	
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	

12. Ecological Information

Ecotoxicological data

Components	Species	Test Results
Disodium Disilicate (13870-28-5)		
Aquatic		
Crustacea	EC50	Water flea (<i>Ceriodaphnia dubia</i>) 0.28 - 0.57 mg/l, 48 hours
Fish	LC50	Western mosquitofish (<i>Gambusia affinis</i>) 1800 mg/l, 96 hours
Ecotoxicity	Avoid discharge into drains, water courses or onto the ground.	
Persistence and degradability	Not available.	
Mobility in environmental media	This product is miscible in water.	

13. Disposal Considerations

Waste codes	D001: Waste Flammable material with a flash point <140 F
Disposal instructions	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 incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.
Contaminated packaging	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

US federal regulations	This product is 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.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
 Immediate Hazard - Yes
 Delayed Hazard - Yes
 Fire Hazard - Yes
 Pressure Hazard - No
 Reactivity Hazard - No

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)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
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.

16. Other Information**Further information**

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

HMIS® ratings

Health: 1*
 Flammability: 1
 Physical hazard: 0

NFPA ratings

Health: 1
 Flammability: 1
 Instability: 0
 Special hazards: OX

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