



delta pronatura

Material Safety Data Sheet
acc. to ISO/DIS 11014

Version: 018

Reviewed on 12/04/2009

1 Identification of substance

- **Product details**
- **Trade name:** Carbona stain devils Wine, Tea, Coffee & Juice no. 8
- **Formulation-no.:** 02112007
- **Application of the substance / the preparation:** Special cleaning agent
- **Manufacturer/Supplier:**
delta pronatura
Kurt-Schumacher-Ring 15-17
63329 Egelsbach
Germany

Telefon: int +49-(0)6103-4045-0
Fax: int +49-(0)6103-4045-190
- **Distributor:**
Delta Carbona L.P.
376 Hollywood Ave., Suite 208
Fairfield, NJ 07004
telephone: (973)808-6260
fax: (973)8008-5661
- **Information department:** see supplier or distributor
- **Emergency information:** Emergency toll free 1 888 746 5599

2 Hazards identification

- **Hazard description**
Irritant
- **Information pertaining to particular dangers for man and environment**
Irritating to eyes.
- **Classification system**
The classification was made according to the latest editions of international substances lists, and expanded using company data and specialized literature.
- **NFPA ratings (scale 0-4)**



Health = 1
Fire = 0
Reactivity = 0

- **Additional information:** Aqueous solutions of this substance are alkaline.

3 Composition/Data on components

- **Chemical characterization**
- **Description:** Combination of special active agents
- **Dangerous components:**

15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)	10-25%
13870-28-5 disodium disilicate	2.5-10%
- **TSCA**
All components are listed.



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4 First aid measures

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Wash with plenty of water immediately after skin contact.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water.
Seek medical treatment.
- **After swallowing:**
Do not induce vomiting
Seek medical treatment.
- **Information for doctor:**
- **Treatment:** Symptomatic treatment

5 Fire fighting measures

- **Suitable extinguishing agents:**
Water spray
Fire-extinguishing powder
Carbon dioxide
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
Dangerous decomposition products see chapter 10: stability and reactivity
- **Protective equipment:**
Do not inhale explosion gases or combustion gases.
Wear self-contained respiratory protective device.
Wear chemical protective clothing
- **Additional information:** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Person-related safety precautions:**
Ensure adequate ventilation
Avoid formation of dust.
Avoid contact with eyes and skin.
- **Measures for environmental protection:**
The following information refer to the leakage of large quantities:
Do not allow product to reach sewage system or any water course.
Do not allow to penetrate the ground/soil.
- **Measures for cleaning/collecting:**
Pick up mechanically.
Avoid formation of dust. Use a tested and approved industrial vacuum cleaner for collecting dust.
Rinse residues with water.
Send for recovery or disposal in suitable receptacles.
- **Additional information:**
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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7 Handling and storage

- **Handling**
- **Information for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Not required
- **Information about storage in one common storage facility:**
 - Store away from foodstuffs.
 - Store away from feed.
 - Store away from oxidizing agents.
 - Do not store together with acids.
- **Further information about storage conditions:** Store in dry conditions.
- **Storage class:** 13 Non combustible solid

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**
 - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Personal protective equipment**
- **General protective and hygienic measures:**
 - The usual precautionary measures for handling chemicals should be followed.
 - Avoid close or long term contact with the skin.
 - Avoid contact with the eyes.
 - Do not eat, drink, smoke or sniff while working.
 - Immediately remove all soiled and contaminated clothing
 - Use skin protection cream for skin protection.
 - The following instructions regarding the protective equipment refer to the industrial use of larger quantities.
 - All protective equipment used shall be according to 29 CFR.1910 Subpart I Personal Protective Equipment
- **Breathing equipment:**
 - Use suitable respiratory protective device in case of insufficient ventilation.
 - A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.
 - Always use a NIOSH or European Standard EN 149 approved respirator when necessary.
- **Protection of hands:** Chemical resistant gloves
- **Material of gloves:**
 - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
 - For undissolved solid substances following materials may be suitable:
 - Nitrile rubber, NBR
 - Butyl rubber, BR
 - Polychloroprene rubber (CR)
 - Fluorocarbon rubber (FKM)
- **Penetration time of glove material:**
 - The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

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9 Physical and chemical properties

· General Information

Form: Solid.
Color: White
Odor: Odorless

· Change in condition

Melting point/Melting range: undetermined
Boiling point/Boiling range: undetermined

· **Flash point:** > 100°C (> 212°F)

· **Self ignition temperature:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density:** Not determined

· **Bulk density at 20°C (68°F):** 900-1000 g/l

· Solubility in / Miscibility with

Water: Miscible

· **pH-value (10 g/l) at 20°C (68°F):** 9.9

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.

· Materials to be avoided:

Heavy metals
Water and humidity
Acids

· **Dangerous reactions** Reacts with water and acids forming carbon dioxide and oxygen.

· Dangerous products of decomposition:

Carbon dioxide
Oxygen

11 Toxicological information

· Acute toxicity

· **LD/LC50 values that are relevant for classification:** No toxicity data are available for the product itself.

· Primary irritant effect:

· **on the skin:** not determined

· **on the eye:** Moderately irritating - subject to classification

· **Sensitization:** No sensitizing effects known.

12 Ecological information

· Information about elimination (persistence and degradability):

· **Other information:** The product has not been tested.

· Behavior in environmental systems

· **Mobility and bioaccumulation potential:** The product has not been tested.

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- **Ecotoxicological effects**
- **Aquatic toxicity:** Presently there are no ecotoxicological values available.
- **Remark:** The product has not been tested.
- **General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product**
- **Recommendation:** Disposal according to instructions of local authorities.
- **Uncleaned packagings**
- **Recommendation:**
Disposal must be made according to official regulations.
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.
- **Recommended cleansing agent:** water

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** No hazardous material according to the regulations
- **Maritime transport IMDG**
- **IMDG Class:** No hazardous material according to the regulations
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR**
- **ICAO/IATA Class:** No hazardous material according to the regulation

15 Regulations

- **Carcinogenicity categories**
- **EPA (Environmental Protection Agency)**
void
- **IARC (International Agency for Research on Cancer)**
void
- **NTP (National Toxicology Program)**
void
- **TLV (Threshold Limit Value established by ACGIH)**
void
- **MAK (German Maximum Workplace Concentration)**
void
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
void
- **OSHA-Ca (Occupational Safety & Health Administration)**
void
- **Markings according to EU guidelines:** The product has been classified according to EC-directives.
- **Code letter and hazard designation of product:**
Irritant
- **Risk phrases:**
Irritating to eyes.

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· **Safety phrases:**

Caution!

Keep out of the reach of children.

Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed, seek medical advice immediately and show this container or label.

· **National regulations**

· **Information about limitation of use:** Employment restrictions concerning juveniles must be observed.

· **Further information:**

Wash hands after use and use rubber gloves on sensitive or damaged skin.

Close after use.

· **Regulation or reporting requirements USA**

· **Sara section 355**

not listed

· **Sara section 313**

not listed

· **Prop. 65 - Cancer**

not listed

***16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Reasons for amendments:** General revision

· **Department issuing MSDS:**

KFT Chemieservice GmbH

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Postfach 1451 D-64345 Griesheim

Tel.: +49 6155 86829-0 Fax: +49 6155 86829-25

· **Contact:** Angelika Torges

· *** Data compared to the previous version altered.**

Changes have been made to chapters marked with a *, as compared to the previous version.

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