



delta pronatura

**Material Safety Data Sheet**  
acc. to ISO/DIS 11014

Version: 02

Reviewed on 06/10/2010

**1 Identification of substance**

- **Product details**
- **Trade name:** Carbona Stain Wizard Prewash
- **Formulation-no.:** 21122006
- **Application of the substance / the preparation:** Special detergent for the pre-treatment of laundry
- **Manufacturer/Supplier:**  
d e l t a p r o n a t u r a  
Dr. Krauss & Dr. Beckmann KG  
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 above
- **Emergency information:**  
Emergency toll free 1 888 746 5599

**2 Hazards identification**

- **Hazard description** not applicable
- **Information pertaining to particular dangers for man and environment** not applicable
- **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 = 1  
Reactivity = 0

**3 Composition/Data on components**

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with nonhazardous additions.
- **Dangerous components:**

CAS: 34590-94-8	(2-methoxymethylethoxy)propanol	10-20%
RTECS: JM 1575000		
CAS: 69011-36-5	Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy-, branched	5-10%
CAS: 24938-91-8	Tridecyl alcohol ethoxylated	1-5%
- **TSCA**  
All components are listed.

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#### 4 First aid measures

- **General information:** If symptoms persist or in case of doubt seek medical advice.
- **After inhalation:** Inhalation of product is unlikely.
- **After skin contact:**  
Wash with water.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse the eyes with open eyelids for 10 - 15 minutes with water.  
If symptoms persist consult a doctor.
- **After swallowing:**  
Rinse out mouth and then drink plenty of water.  
Do not induce vomiting  
Seek medical treatment.  
If babies/toddlers are concerned always consult a physician or the local Poison Information Centre.
- **Information for doctor:**
- **Treatment:** Symptomatic treatment

#### 5 Fire fighting measures

- **Suitable extinguishing agents:**  
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire fighting measures that suit the environment.
- **Special hazards caused by the material, its products of combustion or resulting gases:**  
Dangerous decomposition products see chapter 10: stability and reactivity
- **Protective equipment:**  
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.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

#### 6 Accidental release measures

- **Person-related safety precautions:** Particular danger of slipping on leaked/spilled product.
- **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.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to penetrate the ground/soil.  
In case of seepage into the ground inform responsible authorities.
- **Measures for cleaning/collecting:**  
Small quantities:  
If spilled/leaked: absorb main quantity with cloth.  
Large quantities:  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Send for recovery or disposal in suitable receptacles.

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· **Additional information:** See Section 8 for information on personal protection equipment.

## 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.
- **Further information about storage conditions:** Protect from frost.

## 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:**
  - 34590-94-8 (2-methoxymethylethoxy)propanol**
  - PEL 600 mg/m<sup>3</sup>, 100 ppm  
Skin
  - REL Short-term value: 900 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 600 mg/m<sup>3</sup>, 100 ppm  
Skin
  - TLV Short-term value: 909 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 606 mg/m<sup>3</sup>, 100 ppm  
Skin
- **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.
  - The following instructions regarding the protective equipment refer to the industrial use of larger quantities.
  - Provide eye wash facility.
  - Use skin protection cream for skin protection.
  - All protective equipment used shall be according to 29 CFR.1910 Subpart I Personal Protective Equipment
- **Breathing equipment:**
  - Under normal conditions of use not required.
  - 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:**
  - For consumers normally not necessary. If direct contact with product or its dilutions cannot be avoided use of protective gloves is recommended.
  - Industrial use:
    - Protective gloves.
    - To avoid skin problems reduce the wearing of gloves to the required minimum.
    - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
    - After use of gloves apply skin-cleaning agents and skin cosmetics.

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· **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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** If large quantities are handled: safety glasses are recommended

· **Body protection:** Protective work clothing.

### 9 Physical and chemical properties

· **General Information**

**Form:** Fluid  
**Color:** Whitish  
**Odor:** scented

· **Change in condition**

**Melting point/Melting range:** undetermined

**Boiling point/Boiling range:** undetermined

· **Flash point:** Not applicable

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

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

· **Density at 20°C (68°F):** ~ 0.98 g/cm<sup>3</sup>

· **Solubility in / Miscibility with Water:** Miscible

· **pH-value at 20°C (68°F):** ~ 8.3  
in delivery state

· **Solvent content:**  
**VOC:** 120.8 g/l / 1.01 lb/gl

### 10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

To avoid thermal decomposition do not overheat.

· **Dangerous products of decomposition:**

In the case of fire or at high temperatures the formation of the following decomposition products is possible:

Carbon monoxide and carbon dioxide

### 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:**

Light irritation OECD method 405

Not be to classified

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For three days slight deviations from normal findings

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

· **Additional toxicological information**

The product had been tested and no eye irritating properties being relevant for classification could be determined.

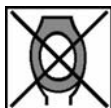
## 12 Ecological information

· **Ecotoxicological effects**

· **Aquatic toxicity:** Presently there are no ecotoxicological values available.

· **Additional ecological information:**

· **General notes:**



Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

## 13 Disposal considerations

· **Product**

· **Recommendation:**



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Disposal according to instructions of local authorities.

· **Uncleaned packagings**

· **Recommendation:**

Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

Disposal must be made according to official regulations.

## 14 Transport information

· **DOT regulations**

· **Hazard class:** No hazardous material according to the regulations

· **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

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## 15 Regulations

- **Carcinogen categories**
- **EPA (Environmental Protection Agency)**  
78-93-3 butanone: 1
- **IARC (International Agency for Research on Cancer)**  
5989-27-5 D-Limonene: 3
- **NTP (National Toxicology Program)**  
void
- **TLV (Threshold Limit Value established by ACGIH)**  
64-17-5 ethanol: A3
- 76-22-2 bornan-2-one: A4
- **MAK (German Maximum Workplace Concentration)**  
64-17-5 ethanol: 5
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**  
void
- **OSHA-Ca (Occupational Safety & Health Administration)**  
void
- **Markings according to EU guidelines:**  
Observe the general safety regulations when handling chemicals  
Although this product is not subject to identification regulations, we recommend to observe the safety suggestions.
- **Safety phrases:**  
Caution!  
Keep out of the reach of children.  
Avoid contact with eyes.  
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- **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.

- **Department issuing MSDS:**  
KFT Chemieservice GmbH  
Im Leuschnerpark. 3 D-64347 Griesheim  
Postfach 1451 D-64345 Griesheim
- Tel.: +49 6155 86829-0      Fax: +49 6155 86829-25
- **Contact:** Angelika Torges

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