

Material Safety Data Sheet
acc. to ISO/DIS 11014

Version: 019

Reviewed on 12/04/2009

1 Identification of substance

- **Product details**
- **Trade name:** **Carbona stain devils Fat & Cooking Oil no. 5**
- **Formulation-no.:** 20112006
- **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)**



3 Composition/Data on components

- **Chemical characterization**
 - **Description:** Aqueous solution of special active agents:
 - **Dangerous components:**
- | | | |
|-------------------|--|---------|
| CAS: 57-55-6 | propane-1,2-diol | 2.5-10% |
| RTECS: TY 2000000 | | |
| CAS: 157627-86-6 | Alcohols, C13-15, branched and linear, ethoxylated | 2.5-10% |
| CAS: 61827-42-7 | Alcohols, C10 branched ethoxylated | 2.5-10% |
| CAS: 24938-91-8 | Tridecyl alcohol ethoxylated | < 2.5% |
| CAS: 68439-50-9 | Alcohols, C12-14, ethoxylated | < 2.5% |

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· **TSCA**

All components are listed.

4 First aid measures

· **General information:**

Immediately remove any clothing soiled by the product.
If symptoms persist or in case of doubt seek medical advice.

· **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 the eyes with open eyelids for 10 - 15 minutes with water. Then consult a doctor or better an eye specialist.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting
Seek medical treatment.

· **Information for doctor:**

· **The following symptoms may occur:** Irritation of eyes and mucous membrane.

· **Treatment:**

Symptomatic treatment

After ingestion:

Gastric irrigation adding a defoaming agent (e. g. Dimeticon)

5 Fire fighting measures

· **Suitable extinguishing agents:**

Water spray
Fire-extinguishing powder
Carbon dioxide

· **For safety reasons unsuitable extinguishing agents:** Water with full jet.

· **Special hazards caused by the material, its products of combustion or resulting gases:**

In case of fire, the following can be released:

Carbon monoxide (CO)
Carbon dioxide

In certain fire conditions, traces of other toxic gases cannot be excluded.

· **Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear self-contained respiratory protective device.

Wear chemical protective clothing

· **Additional information:**

Cool endangered receptacles with water spray.

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:**

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

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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.

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:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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.

7 Handling and storage

· **Handling**

· **Information for safe handling:** Avoid contact with eyes and skin.

· **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 oxidizing agents.

Store away from foodstuffs.

Store away from feed.

· **Further information about storage conditions:** Protect from frost.

· **Storage class:** 12 Non combustible liquids (VCI).

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:**

57-55-6 propane-1,2-diol

WEEL 10 mg/m³

· **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:** Not required.

· **Protection of hands:**

Chemical resistant gloves

To avoid skin problems reduce the wearing of gloves to the required minimum.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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.

· **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:** Safety glasses

· **Body protection:** Not required.

9 Physical and chemical properties

· **General Information**

Form: Fluid
Color: Colorless
Odor: soapy

· **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 at 20°C (68°F):** 1.01 g/cm³

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

· **pH-value at 20°C (68°F):** 8.7
in delivery state

· **Solvent content:**
VOC: 9.7 %

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.

· **Materials to be avoided:** Acids

· **Dangerous reactions** Reacts with acids forming carbon dioxide.

· **Dangerous products of decomposition:** No dangerous decomposition products known

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:** Mild irritation of the skin is possible for persons with a sensitive skin.

· **on the eye:** Irritating effect.

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

· **Additional toxicological information**

The product shows the following dangers according to internationally approved calculation methods for preparations:

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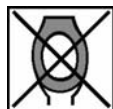
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12 Ecological information

- **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.
- **Ecotoxicological effects**
- **Aquatic toxicity:** Presently there are no ecotoxicological values available.
- **Remark:** The product has not been tested.
- **General notes:**



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

13 Disposal considerations

- **Product**
- **Recommendation:** 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.
- **Recommended cleansing agent:** water

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

15 Regulations

- **Carcinogeny categories**
- **EPA (Environmental Protection Agency)**
void
- **IARC (International Agency for Research on Cancer)**
102-71-6 2,2',2''-nitrioltriethanol: 3
- **NTP (National Toxicology Program)**
void
- **TLV (Threshold Limit Value established by ACGIH)**
void

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· **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.

· **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.

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:**

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· **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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