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

Printing date 11/05/2010

Version: 2

Reviewed on 11/05/2010

### 1 Identification of the substance/mixture and of the company/undertaking

- **Product details**
- **Trade name:** **Carbona Cooktop Power Cleaner**
- **Formulation-no.:** 016-10
- **Application of the substance / the preparation:** Cleaning material/ Detergent
- **Manufacturer/Supplier:**  
delta pronatura  
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 supplier or distributor
- **Emergency information:** Emergency toll free 1 888 746 5599

### 2 Hazards identification

- **Classification of the substance or mixture**
  - **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not applicable
  - **Information concerning particular hazards for human and environment:**  
No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.
  - **Classification system:**  
The classification was made according to the latest editions of international substances lists, and expanded using company data and specialized literature.
- 
- **Label elements**
  - **Labelling according to EU guidelines:**  
No markings required  
Observe the general safety regulations when handling chemicals
  - **Safety phrases:**  
Caution!  
Keep out of the reach of children.
  - **Classification system**
  - **NFPA ratings (scale 0-4)**



Health = 1  
Fire = 0  
Reactivity = 0



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Trade name: **Carbona Cooktop Power Cleaner**

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### 3 Composition/information on ingredients

· **Chemical characterization**

· **Description:** Combination of special active agents

· **Dangerous components:**

CAS: 57-55-6	propane-1,2-diol	< 2.5%
RTECS: TY 2000000		
CAS: 110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	< 2.5%
CAS: 68131-39-5	C12-C15-Alkoholethoxylat	< 1%
CAS: 497-19-8	sodium carbonate	< 1%
CAS: 1344-28-1	aluminium oxide	< 1%
RTECS: BD 1200000		

· **TSCA**

All components are listed.

### 4 First aid measures

· **General information:** If symptoms persist or in case of doubt seek medical advice.

· **After inhalation:** void

· **After skin contact:**

Wash with water.

If skin irritation continues, consult a doctor.

· **After eye contact:**

Eye contact is unlikely. If particles get into the eyes, remove as customary for foreign bodies.

Rinse opened eye for several minutes under running water.

If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

If larger quantities are swallowed unintentionally or if symptoms occur consult a doctor.

If babies/toddlers are concerned, always consult a physician or the local Poison Information Centre.

· **Information for doctor:**

· **Treatment:** Symptomatic treatment

### 5 Firefighting measures

· **Suitable extinguishing agents:**

CO<sub>2</sub>, 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.

· **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:** Not required.

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· **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.

· **Measures for cleaning/collecting:**

Pick up mechanically.  
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:** 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.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

## 8 Exposure controls/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/m<sup>3</sup>

**1344-28-1 aluminium oxide**

PEL 15\* 5\*\* mg/m<sup>3</sup>

\*total dust \*\*respirable fraction

REL Short-term value: 1.5\* mg/m<sup>3</sup>

\*as resprable fraction

TLV 1\* mg/m<sup>3</sup>

\*as respirable fraction

· **Additional information:**

The lists that were valid during the creation were used as basis.  
The risk of inhaling any particles is quite small because the product is supplied in a compact form and used in a wetted form.  
Monitoring of threshold limit values is consequently not required.

· **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 or drink while working.  
The following instructions regarding the protective equipment refer to the industrial use of larger quantities.  
Use skin protection cream for skin protection.  
All protective equipment used shall be according to 29 CFR.1910 Subpart I Personal Protective Equipment

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· **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:**

Upon longer contact:

Chemical resistant gloves

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

After use of gloves apply skin-cleaning agents and skin cosmetics.

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

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

For consumers normally not necessary. If direct contact with product or its dilutions cannot be avoided use of protective gloves is recommended.

· **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:** Not required.

· **Body protection:** Not required.

## 9 Physical and chemical properties

· **General Information**

· **Appearance:**

**Form:** Solid.  
Paste  
**Color:** Pink  
· **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):** 1.4-1.6 g/cm<sup>3</sup> (35-13.352 lbs/gal)

· **Solubility in / Miscibility with**

**Water:** Partly soluble

## 10 Stability and reactivity

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

· **Materials to be avoided:** Strong acids

· **Dangerous reactions** No dangerous reactions known

· **Dangerous products of decomposition:**

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

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**Trade name: Carbona Cooktop Power Cleaner**

Carbon monoxide and carbon dioxide

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## 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:** not determined
- **Sensitization:** No sensitizing effects known.

## 12 Ecological information

- **Information about elimination (persistence and degradability):**
- **Other information:** The organic part of the product is biodegradable.
- **Ecotoxicological effects**
- **Aquatic toxicity:** Presently there are no ecotoxicological values available.
- **Additional ecological information:**
- **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:** Dispose of packaging according to regulations on the disposal of packagings.

## 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 Regulatory information

- **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)**  
1344-28-1 aluminium oxide: A4

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· **MAK (German Maximum Workplace Concentration)**

1344-28-1 aluminium oxide: 2

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

void

· **OSHA-Ca (Occupational Safety & Health Administration)**

void

· **Chemical safety assessment** A Chemical Safety Assessment has not been carried out.

· **Regulation or reporting requirements USA**

· **Sara section 355**

not listed

· **Sara section 313**

1344-28-1 aluminium oxide

· **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:**

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