

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

Version: 01

Reviewed on 04/23/2010

## 1 Identification of substance

- **Product details**
- **Trade name:** Carbona Clean It Refrigerator & Microwave Wipes
- **Formulation-no.:** R 9805
- **Application of the substance / the preparation:** Cleaning material/ Detergent
- **Manufacturer/Supplier:**  
d e l t a p r o n a t u r a  
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**  
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.
- **NFPA ratings (scale 0-4)**



Health = 0  
Fire = 2  
Reactivity = 0

## 3 Composition/Data on components

- **Chemical characterization**
- **Description:** Wipes impregnated with a solution of special active agents based on surfactants.
- **Dangerous components:**

CAS: 64-17-5	ethanol	10-20%
RTECS: KQ 6300000		
CAS: 127036-24-2	Fatty alcohol polyglycol ether	< 2.5%
- **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:**  
In this form unlikely.  
If used properly no harmful vapors are formed.
- **After skin contact:** Wash with water.
- **After eye contact:** Rather unlikely if used appropriately.
- **After swallowing:**  
In this form most unlikely. However, if product comes into contact with the mouth:  
Rinse mouth with water.  
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:**  
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.  
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:** Not required.
- **Measures for environmental protection:** 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.

#### 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:**  
Protect from heat and direct sunlight.  
Keep receptacle tightly sealed.
- **Storage class:** 11 Combustible solids

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· **Specific applications** Follow the directions!

## 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:**

**64-17-5 ethanol**

PEL 1900 mg/m<sup>3</sup>, 1000 ppm

REL 1900 mg/m<sup>3</sup>, 1000 ppm

TLV Short-term value: 1880 mg/m<sup>3</sup>, 1000 ppm

· **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.

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:** Not required.

· **Protection of hands:**

At longer contact: 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.

· **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:** Not required.

· **Body protection:** Light weight protective clothing

## 9 Physical and chemical properties

· **General Information**

**Form:** Liquid on inert carrier material

**Color:** -

**Odor:** citrus-like

· **Change in condition**

**Melting point/Melting range:** undetermined

**Boiling point/Boiling range:** undetermined

· **Flash point:** 21°C (70°F)  
(of the solution)

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

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

· **Density:** Not determined

· **Solubility in / Miscibility with**

**Water:** -

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- **pH-value at 20°C (68°F):** ~ 7.9
- **Solvent content:**  
**VOC:** 196.9 g/l / 1.64 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  
Irritant gases/vapors

### 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.
- **Additional toxicological information**  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.  
The product is not subject to classification according to internally approved calculation methods for preparations.

### 12 Ecological information

- **Ecotoxicological effects**
- **Acquatic toxicity:** Presently there are no ecotoxicological values available.
- **Additional ecological information:**
- **General notes:**  
Product is a synthetic, presaturated wipe containing the mentioned products. Release to the environment is not very likely.  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 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.

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- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** No hazardous material according to the regulations
- **Remarks:** Special Provision 144: An aqueous solution containing not more than 24 % alcohol by volume is not subject to the provisions of the ADR.
- **Maritime transport IMDG**
- **IMDG Class:** No hazardous material according to the regulations
- **Marine pollutant:** No
- **Remarks:** Special Provision 144: An aqueous solution containing not more than 24 % alcohol by volume is not subject to the provisions of this Code.
- **Air transport ICAO-TI and IATA-DGR**
- **ICAO/IATA Class:** No hazardous material according to the regulation
- **Remarks:** Special Provision 58: An aqueous solution containing 24 % or less alcohol by volume is not subject to these Regulations.

### 15 Regulations

- **Carcinogenicity categories**
- **EPA (Environmental Protection Agency)**  
void
- **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: A4  
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.
- **Regulation or reporting requirements USA**
- **Sara section 355**  
not listed
- **Sara section 313**  
not listed

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- **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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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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