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Material Safety Data Sheet acc. to ISO/DIS 11014

Printing date 08/14/2012

Version: 2

Reviewed on 08/14/2012

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

- **Product identifier**
- **Trade name:** **Carbona Silver Wipes**
- **Formulation-no.:** 022-08
- **Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Application of the substance / the preparation:** Special cleaning agent
- **Details of the supplier of the safety data sheet**
- **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
- **E-mail competent person:** sds@kft.de
- **Information department:** See supplier/manufacturer
- **Emergency telephone number:** 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:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **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**
- **Risk phrases:** CAUTION: EYE AND SKIN IRRITANT
- **Safety phrases:**
Caution!
Eye and skin irritant.
In case of contact with eyes, immediately flush with plenty of water.
If irritation persists, call a doctor.
Prolonged contact may cause drying and irritation of skin.
Wash hands after use.
Do not use with other household cleaners.
DO NOT USE FOR PERSONAL HYGIENE OR AS BABY WIPES.
KEEP OUT OF REACH OF CHILDREN

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- **Classification system**
- **NFPA ratings (scale 0-4)**



Health = 1
Fire = 0
Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

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

- **Dangerous components:**

CAS: 14808-60-7	Quartz (SiO ₂)	1-5%
RTECS: VV 7330000		
CAS: 127036-24-2	Fatty alcohol polyglycol ether	< 2.5%
CAS: 61789-30-8	Fatty acids, coco, potassium salts	< 2.5%

- **TSCA**

All components are listed.

4 First aid measures

- **Description of 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 and soap.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rather unlikely if used appropriately.
If any particles get into the eyes, remove as customary for foreign bodies.
Subsequently:
Rinse opened eye for several minutes under running water.
If symptoms persist, consult a doctor.
- **After swallowing:**
In this form most unlikely. However, if product comes into contact with the mouth:
Rinse mouth with water.
If symptoms persist consult doctor.
If babies/toddlers are concerned, always consult a physician or the local Poison Information Centre.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** Symptomatic treatment

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5 Firefighting measures

- **Extinguishing media**
- **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 arising from the substance or mixture**
In case of fire, the following may be released:
Carbon monoxide (CO)
Carbon dioxide (CO₂)
- **Advice for firefighters**
- **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

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **Methods and material for containment and cleaning up:**
Pick up mechanically.
Send for recovery or disposal in suitable receptacles.
- **Reference to other sections**
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Precautions for safe handling**
No special precautions are necessary if used correctly.
Avoid drying up.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special measures 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 closed.
- **Storage class:** 11 Combustible solids
- **Specific end use(s)** Follow the directions!

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:** Crystalline silica : TWA : 0.025 mg/m³
- **Additional information:** Since the product is a wipe soaked in a liquid there is only a small risk of particle inhalation.

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- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures:**
 - The usual precautionary measures for handling chemicals should be followed.
 - Wash hands before breaks and at the end of work.
 - 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:**
 - 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:**
 - At longer contact: protective gloves
 - 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
 - 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 trough 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

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Synthetic, presaturated wipe
Color:	White
· Odor:	Characteristic
· Odour threshold:	Not determined.
· 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:	Not determined
· Solubility in / Miscibility with	
Water:	Partly soluble
· Solvent content:	
VOC:	< 1 %
· Other information	No further relevant information available.



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10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No hazardous decomposition products if instructions for storage and handling are followed

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**
- **LD/LC50 values that are relevant for classification:**
No toxicity data are available for the product itself.
Due to the composition no relevant toxicity is expected.
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **On respiratory tract:** No irritant effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information**
The product is not subject to classification according to internally approved calculation methods for preparations.
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.
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
14808-60-7 Quartz (SiO₂): 1
5989-27-5 D-Limonene: 3
- **NTP (National Toxicology Program)**
14808-60-7 Quartz (SiO₂): K

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** Presently there are no ecotoxicological values available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Danger to drinking water is possible if large quantities leak into the ground or into water course.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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· **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Smaller quantities can be disposed of with household waste.
Disposal according to instructions of local authorities
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· UN-Number · DOT, ADR, ADN, IMDG, IATA	Void
· UN proper shipping name · DOT, ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es) · DOT, ADR, ADN, IMDG, IATA · Class	Void
· Packing group · DOT, ADR, IMDG, IATA	Void
· Environmental hazards: · Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Carcinogenity categories**
- **EPA (Environmental Protection Agency)**
void
- **TLV (Threshold Limit Value established by ACGIH)**
14808-60-7 Quartz (SiO₂): A2
76-22-2 bornan-2-one: A4
- **MAK (German Maximum Workplace Concentration)**
14808-60-7 Quartz (SiO₂): 1
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
14808-60-7 Quartz (SiO₂)
- **OSHA-Ca (Occupational Safety & Health Administration)**
void

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· **Regulation or reporting requirements USA**

· **Sara section 355**

not listed

· **Sara section 313**

not listed

· **Prop. 65 - Cancer**

not listed

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

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 64347 Griesheim
Postfach 1451 64345 Griesheim
Germany

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

· **Contact:** Angelika Torges

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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