

Safety Data Sheet
acc. to OSHA HCS

Printing date 06/28/2016

Version: 5.02

Reviewed on 06/28/2016

1 Identification

- **Product identifier**
- **Trade name:** **Carbona Super White Sheets**
- **Formulation-no.:** 035-12
- **Uses advised against:** -
- **Application of the substance / the mixture** Laundry care
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
d e l t a 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 or distributor
- **Emergency telephone number:**
Emergency toll free 1 888 746 5599

2 Hazard(s) identification

- **Classification of the substance or mixture**



Eye Irrit. 2A H319 Causes serious eye irritation.

- **Classification system:**
The classification complies with current legislation, but is supplemented with information from technical literature and company information.

- **Label elements**
- **Hazard pictograms**



- **Signal word** Warning
- **Hazard statements**
H319 Causes serious eye irritation.
- **Precautionary statements**
P280 Wear eye protection / face protection.

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P264 Wash hands thoroughly after handling.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

• **Additional information:** P102 Keep out of reach of children.

• **Other hazards**

• **Results of PBT and vPvB assessment**

• **PBT:** Not applicable.

• **vPvB:** Not applicable.

3 Composition/information on ingredients

• **Chemical characterization: Mixtures**

• **Description:** Treated fleece

• **Dangerous components:**

25322-68-3 polyethylene glycol 50-70%

27344-41-8 disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldivynylene)bis(benzenesulphonate) 25-50%

• **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.

• **After eye contact:**

In case of eye contact due to residues of the active substance which might stick to hands:

Rinse the eyes with open eyelids for 10 - 15 minutes with water.

If symptoms persist, consult a doctor.

• **After swallowing:** void

• **Information for doctor:**

• **Most important symptoms and effects, both acute and delayed**

On eyes:

Local irritation symptoms

• **Indication of any immediate medical attention and special treatment needed** Symptomatic treatment

5 Fire-fighting 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.

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

• **Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Sulfur oxides (SO_x)

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

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- **Advice for firefighters**
- **Protective equipment:**
Do not inhale combustion vapors.
Wear self-contained respiratory protective device.
- **Additional information** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Avoid contact with eyes and skin.
- **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 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
No special precautions are necessary if used correctly.
Avoid contact with eyes.
- **Information about protection against explosions and fires:** Observe the general rules of industrial fire protection.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from feed.
- **Further information about storage conditions:** Store in dry conditions.
- **Specific end use(s)**
Follow the directions!
Clean skin thoroughly after handling the product.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
25322-68-3 polyethylene glycol
WEEL Long-term value: 10 mg/m³
(H); MW>200
- **Exposure controls**
- **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.

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After contact with eyes, rinse immediately.

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.
- **Protection of hands:**
Upon longer contact:
Protective gloves
If used properly, not required for consumers
- **Material of gloves**
For undissolved solid substances following materials may be suitable:
nitrile rubber (NBR), butyl rubber (BR), fluorocarbon rubber (FKM) and polychloroprene rubber (CR)
- **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:** Normal, light protective clothing

9 Physical and chemical properties

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Impregnated wipes
Color:	Yellowish
· Odor:	Characteristic
· Odor threshold:	Not determined.
· Change in condition	
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	Not determined.
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Not determined
· Ignition temperature:	Not determined
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not applicable
Upper:	Not applicable
· Oxidizing properties	not determined
· Vapor pressure:	Not relevant
· Density:	Not determined.
· Vapor density	Not determined.
· Solubility in / Miscibility with	
Water:	Partly soluble.
· Partition coefficient (n-octanol/water): Not determined	
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.

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- | | |
|----------------------------|--|
| · Solvent content: | |
| · VOC content: | 0.0 g/l / 0.00 lb/gl |
| · Other information | No further relevant information available. |

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **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.
27344-41-8 disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldivinylene)bis(benzenesulphonate)
Oral LD₅₀ > 2000 mg/kg (rat)
Dermal LD₅₀ > 2000 mg/kg (rat)
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
None of the ingredients is listed.
- **NTP (National Toxicology Program)**
None of the ingredients is listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:**
There are no quantitative data available for the product itself.
27344-41-8 disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldivinylene)bis(benzenesulphonate)
EC₅₀ 10.3 mg/l (Algae)
EC₅₀/24h > 1000 mg/l (Daphnia magna)
LC₅₀ 76 mg/l (fish)
- **Persistence and degradability** A part of the components is easily biodegradable.

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- **Other information:** The product has not been tested.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** The product has not been tested.
- **Additional ecological information:**
- **General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **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 · Class	Void No hazardous material according to the regulations
· ADR, ADN, IMDG, IATA · Class	Void
· Packing group · DOT, ADR, IMDG, IATA	Void
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	Void



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15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Sara:**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **EPA (Environmental Protection Agency)**

void

· **TLV (Threshold Limit Value established by ACGIH)**

void

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

void

· **National regulations:**

· **Further information:** Version(s) 1 - 5.1 is/are not available for this language.

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.

· **Classification according to Regulation (EC) No 1272/2008** Eye Irrit 2 calculation method

· **Department issuing SDS:**

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· **Contact:** Dr. Daniela Krimm

· **Date of preparation / last revision** 06/28/2016 / 5.01

· **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

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

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

VOC: Volatile Organic Compounds (USA, EU)

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

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