



## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 28.10.2014

Version: 1. 0

Revision: 28.10.2014

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

- **1.1 Product identifier**
- **Trade name:** Dr. Beckmann Glowwhite + Stain Remover
- **Formulation-No.:** 045-14 / 01-P273-01
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:** No further relevant information available.
- **Application of the substance / the preparation:** Cleaning material / Detergent
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier/Manufacturer:**  
ACDOCO Ltd.  
Martens Road  
Northbank Industrial Estate  
Irlam, Manchester M44 5AX  
UK  
Tel: +44 (0) 161 7757766
- **Email competent person:** sds@kft.de
- **Information department:** see supplier or distributor
- **1.4 Emergency telephone number:**  
National Poison Information Service (NPIS)  
24 hour national number                      professionals only  
0844 892 0111  
  
National Health Service (NHS)  
24 hour national number                      consumer  
England and Scotland: 111  
Wales: 0845 46 47  
Northern Ireland: call your local General Practitioner  
  
Call 999 if there is a life-threatening incident.

### SECTION 2: Hazards identification

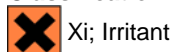
- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xi; Irritant

R36/38: Irritating to eyes and skin.

- **Classification system:**  
The classification is based on Regulation (EC) 1272/2008 including its amendments, and on company information.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008** The product is classified and labelled according to the CLP regulation.

(Contd. on page 2)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date: 28.10.2014

Version: 1. 0

Revision: 28.10.2014

Trade name: Dr. Beckmann Glowwhite + Stain Remover

(Contd. of page 1)

- **Hazard pictograms**



GHS07

- **Signal word** Warning

- **Hazard statements**

H319 Causes serious eye irritation.

- **Precautionary statements**

P102 Keep out of reach of children.

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

- **2.3 Other hazards** Aqueous solutions of this substance are alkaline.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable

- **vPvB:** Not applicable

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**

- **Description:** Combination of special active agents in powder form

- **Dangerous components:**

CAS: 497-19-8	sodium carbonate	20-25%
---------------	------------------	--------

EINECS: 207-838-8	Xi R36	
-------------------	--------	--

Index number: 011-005-00-2	Eye Irrit. 2, H319	
----------------------------	--------------------	--

CAS: 15630-89-4	disodium carbonate, compound with hydrogenperoxide (2:3)	20-25%
-----------------	--	--------

EINECS: 239-707-6	Xn R22; Xi R41; O R8	
-------------------	----------------------	--

	Ox. Sol. 3, H272; Eye Dam. 1, H318; Acute Tox. 4, H302	
--	--	--

- **Regulation (EC) No 648/2004 on detergents / Labelling for contents:**

oxygen-based bleaching agents	15 - 30%
-------------------------------	----------

optical brighteners, anionic surfactants	< 5%
--	------

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **General information:** Be sure to show this safety data sheet, the packaging or the instructions for use to the physician.

- **After inhalation:** Supply fresh air; consult a doctor in case of pain.

- **After skin contact:**

Wash with water and soap.

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 (eye specialist).

- **After swallowing:**

Rinse mouth with water.

Drink plenty of water, but never give anything to an unconscious person.

Do not induce vomiting.

Immediately consult a physician and show the packaging, the label or this safety data sheet.

- **4.2 Most important symptoms and effects, both acute and delayed** Local irritation symptoms

(Contd. on page 3)



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date: 28.10.2014

Version: 1. 0

Revision: 28.10.2014

---

**Trade name: Dr. Beckmann Glowwhite + Stain Remover**

---

(Contd. of page 2)

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

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
  - **Suitable extinguishing agents:**
    - Water jet spray
    - Fire-extinguishing powder
    - Carbon dioxide (CO<sub>2</sub>)
    - Use fire fighting measures that suit the environment.
  - **For safety reasons unsuitable extinguishing agents:** High volume water jet
  - **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
  - **5.3 Advice for firefighters**
  - **Protective equipment:** Wear self-contained respiratory protective device.
- 

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
    - Ensure adequate ventilation.
    - Avoid formation of dust.
    - Wear protective clothing.
  - **6.2 Environmental precautions:**
    - Do not allow product to reach sewage system or any water course.
    - Do not allow to penetrate the ground/soil.
  - **6.3 Methods and material for containment and cleaning up:**
    - Pick up mechanically.
    - Avoid any dust formation. Pick up with a tested and approved industrial vacuum cleaner if necessary.
    - Make sure to recycle or dispose of in suitable receptacles.
  - **6.4 Reference to other sections**
    - See Section 8 for information on personal protection equipment.
    - See Section 7 for information on safe handling
    - See Section 13 for disposal information.
- 

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
    - Prevent formation of dust.
    - Avoid inhalation of dust.
    - Avoid contact with eyes and skin.
    - Any deposit of dust which cannot be avoided must be regularly removed.
  - **Information about protection against explosions and fires:** Observe the general rules of industrial fire protection.
  - **7.2 Conditions for safe storage, including any incompatibilities**
  - **Storage:**
  - **Requirements to be met by storerooms and receptacles:**
    - Store container tightly sealed at a cool and dry place with sufficient ventilation.
    - Provide alkali-resistant floor.
  - **Information about storage in one common storage facility:**
    - Store away from foodstuffs.
    - Store away from feed.
    - Store away from inflammable substances.
    - Store away from oxidising agents.
- 

(Contd. on page 4)

— GB —



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date: 28.10.2014

Version: 1. 0

Revision: 28.10.2014

---

**Trade name: Dr. Beckmann Glowwhite + Stain Remover**

---

(Contd. of page 3)

- Store away from acids.
  - Do not store together with heavy metals.
  - Refer to national regulations for storing hazardous chemicals.
  - **Further information about storage conditions:**
    - Keep receptacle tightly sealed.
    - Protect from humidity and water.
  - **Storage class:** 13 Non combustible solid
  - **7.3 Specific end use(s)** Please pay attention to the information on the label.
- 

## SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
  - **8.1 Control parameters**
  - **Components with limit values that require monitoring at the workplace:**
    - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
  - **8.2 Exposure controls**
  - **Personal protective equipment:**
  - **General protective and hygienic measures:**
    - The usual precautionary measures should be adhered to when handling chemicals.
    - Do not eat or drink while working.
    - Remove all soiled and contaminated clothing immediately.
    - Avoid contact with eyes and skin.
    - Do not inhale dust/smoke/mist.
    - The following instructions regarding the protective equipment refer to the industrial use of larger quantities.
    - Use skin protection cream for skin protection.
  - **Breathing equipment:** Use a suitable respiratory protective device in case of insufficient ventilation.
  - **Protection of hands:**
    - For consumers normally not necessary. If direct and prolonged contact with product or its dilutions cannot be avoided, use of protective gloves is recommended.
    - Upon longer contact:
      - Chemical resistant gloves (EN 374)
      - 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/substance/preparation.
      - Selection of the glove material in 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:**
    - Nitrile rubber, NBR
    - Butyl rubber, BR
    - 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.
    - For undissolved solid substances following materials may be suitable:
      - Polychloroprene rubber (CR)
      - Fluorocarbon rubber (FKM)
  - **Penetration time of glove material:**
    - The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - **Eye protection:** Safety glasses
  - **Body protection:** Protective work clothing
- 

GB  
(Contd. on page 5)



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date: 28.10.2014

Version: 1. 0

Revision: 28.10.2014

Trade name: Dr. Beckmann Glowwhite + Stain Remover

(Contd. of page 4)

**SECTION 9: Physical and chemical properties**

<b>· 9.1 Information on basic physical and chemical properties</b>	
<b>· General Information:</b>	
<b>· Appearance:</b>	
Form:	Powder
Colour:	White
· Odour:	No data available
· Odour threshold:	Not determined
· pH-value (10 g/l) at 20 °C:	~ 10.2 - 10.8
<b>· Change in condition:</b>	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
· Flash point:	Not applicable
· Self ignition temperature:	Product is not self-igniting.
· Danger of explosion:	Product does not present an explosion hazard.
<b>· Explosion limits:</b>	
Lower:	Not applicable
Upper:	Not applicable
· Oxidizing properties:	Non-oxidizing
· Density at 20 °C:	1.05 - 1.25 g/cm <sup>3</sup>
<b>· Solubility in / Miscibility with</b>	
Water:	Partly soluble
<b>· Viscosity:</b>	
dynamic:	Not applicable
kinematic:	Not determined
· 9.2 Other information	No further relevant information available

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications  
To avoid thermal decomposition do not overheat.  
Keep away from water and humidity. Contact may form CO<sub>2</sub>. Danger of burst in closed drums or receptacles
- **10.3 Possibility of hazardous reactions** Reacts with water and acids forming carbon dioxide and oxygen.
- **10.4 Conditions to avoid** No further relevant information available
- **10.5 Incompatible materials:**  
Acids  
Water and humidity  
Heavy metals
- **10.6 Hazardous decomposition products:**  
Carbon dioxide  
Oxygen



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date: 28.10.2014

Version: 1. 0

Revision: 28.10.2014

**Trade name: Dr. Beckmann Glowwhite + Stain Remover**

(Contd. of page 5)

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity:****LD/LC50 values that are relevant for classification:**

ATE oral: 3721 mg/kg

**15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)**

Oral LD<sub>50</sub> 1034 mg/kg (rat)  
893 mg/kg (rat/female)  
1164 mg/kg (rat/male)

Dermal LD<sub>50</sub> > 2000 mg/kg (rabbit)**Primary irritant effect:****on the skin:**

Light irritation OECD Method: 404  
Not to be classified

**on the eye:** Slight irritating effect species: rabbit (eye) OECD test 405**On respiratory tract:** No data available**Sensitisation:** No sensitising effects known**Other information (about experimental toxicology):****Carcinogenic, mutagenic effects and adverse effects on reproduction:**

Presently available data show no carcinogenic, mutagenic or teratogenic effects.

**Subacute to chronic toxicity:****STOT-single exposure** No data available**STOT-repeated exposure:** No data available**Aspiration hazard** Not relevant**Additional toxicological information:**

The product itself has not been tested. The statements have been deduced from products of similar structure or composition.  
After swallowing: irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract

**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:****15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)**EC<sub>50</sub>/48h 4.9 mg/l (Daphnia pulex)LC<sub>50</sub>/96h 70.7 mg/l (Pimephales promelas)NOEC 2 mg/l (Daphnia pulex)  
48h

NOEC/96h 7.4 mg/l (Pimephales promelas)

**497-19-8 sodium carbonate**EC<sub>50</sub>/24h 347 mg/l (Daphnia magna)EC<sub>50</sub>/48h 200-227 mg/l (Ceriodaphnia dubia)LC<sub>50</sub>/96h 300 mg/l (Lepomis macrochirus)**12.2 Persistence and degradability** No further relevant information available**Other information:**

Sodium percarbonate dissociates into sodium carbonate and hydrogen peroxide. Hydrogenperoxide subsequently decomposes into water and oxygen. The only remaining substance is sodium carbonate.

**12.3 Bioaccumulative potential** The product has not been tested.**12.4 Mobility in soil** No further relevant information available

(Contd. on page 7)

— GB —



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date: 28.10.2014

Version: 1. 0

Revision: 28.10.2014

**Trade name: Dr. Beckmann Glowwhite + Stain Remover**

(Contd. of page 6)

- **Ecotoxicological effects:**
- **Remark:** The product has not been tested.
- **Additional ecological information:**
- **General notes:**  
According to appendix 4 of VwVwS dated 27.7.2005 (German regulation)  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous to water  
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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Other adverse effects** No further relevant information available

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation:** Disposal according to instructions of local authorities
- **European waste catalogue:**  
07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES  
07 06 00 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics  
07 06 01\* aqueous washing liquids and mother liquors  
20 00 00 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS  
20 01 00 separately collected fractions (except 15 01)  
20 01 29\* detergents containing dangerous substances
- **Uncleaned packagings:**
- **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.

**SECTION 14: Transport information**

· <b>14.1 UN-Number</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.2 UN proper shipping name</b> · <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.3 Transport hazard class(es)</b> · <b>ADR, ADN, IMDG, IATA</b> · <b>Class</b>	Void
· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>14.5 Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b>	Not applicable
· <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable
· <b>Transport/Additional information:</b>	Not dangerous according to the above regulations

(Contd. on page 8)

GB



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date: 28.10.2014

Version: 1. 0

Revision: 28.10.2014

**Trade name: Dr. Beckmann Glowwhite + Stain Remover**

(Contd. of page 7)

**· UN "Model Regulation":** -**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Information about limitation of use:** Take note of Directive 94/33/EC on the protection of young people at work.
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 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.

**· Relevant phrases**

As mentioned in section 3 of the safety data sheet (not relevant for labelling of the product)

H272 May intensify fire; oxidiser.

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

R22 Harmful if swallowed.

R36 Irritating to eyes.

R41 Risk of serious damage to eyes.

R8 Contact with combustible material may cause fire.

**· Department issuing MSDS:**

KFT Chemieservice GmbH

Im Leuschnerpark. 3 64347 Griesheim

Postfach 1451 64345 Griesheim

Germany

Phone: +49 6155 86829-0 Fax: +49 6155 86829-25

Safety Data Sheet Service: +49 6155 86829-22

**· Contact:** Dr. Daniela Krimm**· 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 Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Ox. Sol. 3: Oxidising Solids, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2