



Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 26.08.2014

Version: 5. 0

Revision: 26.08.2014

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

1.1 Product identifier

Trade name: **Dr. Beckmann Oven Cleaner**

Formulation-No.: 13122004

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:

ACDOCO Ltd.
Martens Road
Northbank Industrial Estate
Irlam, Manchester M44 5AX
UK
Tel: +44 (0) 161 7757766

Manufacturer:

d e l t a pronatura
Dr. Krauss & Dr. Beckmann KG
Kurt-Schumacher-Ring 15-17
63329 Egelsbach
Germany

Phone: int+49-(0)6103-4045-0

Fax: int+49-(0)6103-4045-190

Email competent person: sds@kft.de

Information department: see supplier or distributor

1.4 Emergency telephone number:

National Poisons Information Service (NPIS)

24 hour national number is 0844 892 0111 professionals only

National Health Service (NHS)

24 hour national number is 0845 4647 consumer

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

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



Xi; Irritant

R38-41: Irritating to skin. Risk of serious damage to eyes.

Classification system:

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

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2.2 Label elements

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



GHS05

Signal word Danger

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

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.

P310 Immediately call a POISON CENTER/doctor.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of water.

2.3 Other hazards

This preparation is despite of the extreme pH-value of $\geq 11,5$ not classified as corrosive with R 35 as irritant, since there are specific limits determined in Annex I of Directive 67/548/EEC for the corrosive components contained.

Available test results warrant a classification as non-corrosive.

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Aqueous solution of special active agents

Dangerous components:

CAS: 126-92-1	sodium etasulfate	< 2.5%
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EINECS: 204-812-8	Xi R38-41	
	Eye Dam. 1, H318; Skin Irrit. 2, H315	

CAS: 1310-73-2	sodium hydroxide	< 1%
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EINECS: 215-185-5	C R35	
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Index number: 011-002-00-6 Met. Corr. 1, H290; Skin Corr. 1A, H314; Eye Dam. 1, H318

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

anionic surfactants	< 5%
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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:

Immediately remove any clothing soiled by the product.

Be sure to show this safety data sheet, the packaging or the instructions for use to the physician.

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- **After inhalation:**
In case of inhalative exposure to vapours/aerosols during processing:
Supply fresh air; consult a doctor in case of pain.
- **After skin contact:**
Wash with water and soap and rinse with plenty of water.
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.
Seek medical treatment.
- **4.2 Most important symptoms and effects, both acute and delayed** Local irritation symptoms
- **Danger:** Caustic solutions may induce soaking and dissolution of the skin and mucous membranes (colliquation necrosis)
- **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 (CO₂)
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** No data available
- **5.2 Special hazards arising from the substance or mixture** No specific hazards known.
- **5.3 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.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation.
Particular danger of slipping on leaked/spilled product.
Wear protective clothing.
- **6.2 Environmental precautions:**
The following information refer to the leakage of large quantities:
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:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
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.



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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Open and handle receptacle with care.
Avoid contact with eyes and skin.
- **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:** Provide alkali-resistant floor.
 - **Information about storage in one common storage facility:**
 - Store away from foodstuffs.
 - Store away from feed.
 - Store away from acids.
 - Do not store together with ammonium salts.
 - Refer to national regulations for storing hazardous chemicals.
 - **Further information about storage conditions:**
 - Keep receptacle tightly sealed.
 - Protect from frost.
 - **Storage class:** 12 Non combustible liquids
- **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, drink, smoke or sniff while working.
Remove all soiled and contaminated clothing immediately.
Avoid contact with eyes and skin.
Do not inhale gases/fumes/aerosols.
Clean skin thoroughly immediately after handling the product.
The following instructions regarding the protective equipment refer to the industrial use of larger quantities.
Provide eye bath.
Use skin protection cream for skin protection.
 - **Breathing equipment:** Use suitable respiratory protective device only when aerosol or mist forms.
 - **Protection of hands:**
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:**
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 penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.

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- Eye protection: Safety glasses
- Body protection: Protective work clothing

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SECTION 9: Physical and chemical properties

• 9.1 Information on basic physical and chemical properties

• General Information:

• Appearance:

Form: Liquid

Colour: White

• Odour: Odourless

• Odour threshold: Not applicable

• pH-value at 20 °C: 12.9
In delivery state

• Change in condition:

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.

• Explosion limits:

Lower: Not applicable

Upper: Not applicable

• Oxidizing properties: Non-oxidizing

• Vapour pressure: Not determined

• Density: Not determined

• Solubility in / Miscibility with

Water: Miscible

• Viscosity:

dynamic: 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

• 10.3 Possibility of hazardous reactions

Strongly exothermic reaction with acids

Reacts with ammonium salts forming ammonia (gas).

• 10.4 Conditions to avoid No further relevant information available

• 10.5 Incompatible materials:

Acids

Ammonium salts

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- 10.6 Hazardous decomposition products: No dangerous decomposition products known

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- 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: Irritant to skin and mucous membranes
- on the eye:
BCOP Test (Bovine Corneal Opacity and Permeability Test):
Strongly irritant with the danger of severe eye injury
- 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 classification
- STOT-repeated exposure: No classification
- Aspiration hazard No classification
- Additional toxicological information:
Due to its extreme pH-value the product was tested in "Human Skin Model Test" concerning possible corrosive properties. Result:
non-corrosive
After swallowing: irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract

SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity: Presently there are no ecotoxicological values available.
- 12.2 Persistence and degradability No further relevant information available
- Other information: The product has not been tested.
- 12.3 Bioaccumulative potential The product has not been tested.
- 12.4 Mobility in soil No further relevant information available
- Ecotoxicological effects:
- Remark: The product has not been tested.
- 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.
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.
- 12.5 Results of PBT and vPvB assessment
- PBT: Not applicable
- vPvB: Not applicable
- 12.6 Other adverse effects No further relevant information available



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SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Disposal according to instructions of local authorities
- **European waste catalogue:**
 - 07 06 01 aqueous washing liquids and mother liquors
 - 20 01 29 detergents containing dangerous substances
- **Uncleaned packagings:**
- **Recommendation:** Do not reuse empty packagings.

SECTION 14: Transport information

· 14.1 UN-Number	
· ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name	
· ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR, ADN	
· Class	Void
· IMDG, IATA	
· Class	Void No hazardous good according to the regulation
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
· 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
- **Further information:**
 - Do not breathe aerosol.
 - Clean skin thoroughly after handling the product.
 - Version/s 5 is/are not available in this language.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.



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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.

Reasons for amendments:

Regulation (EC) No. 1272/2008 /CLP

Information on toxicity

Replaces version dated: 23.01.2014**Relevant phrases**

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

R35 Causes severe burns.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

Classification according to Regulation (EC) No 1272/2008 Skin irrit. 2, eye dam. 1 based on test data**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)

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Met. Corr. 1: Corrosive to metals, Hazard Category 1

Skin Corr. 1A: Skin corrosion/irritation, Hazard Category 1A

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

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

*** Data compared to the previous version altered.**

Changes have been made to sections marked with a *, as compared to the previous version.