



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

Printing date: 02.09.2014

Version: 5. 0

Revision: 02.09.2014

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

1.1 Product identifier

Trade name: **Dr. Beckmann Stain Devils Cooking Oil & Fat**

Formulation-No.: 20112006

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: Special cleaning agent

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

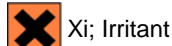
Classification according to Regulation (EC) No 1272/2008



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

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



Xi; Irritant

R36: Irritating to eyes.

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.

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- **Hazard pictograms**



GHS07

- **Signal word** Warning

- **Hazard statements**

H319 Causes serious eye irritation.

- **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.

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

- **2.3 Other hazards**

- **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: 57-55-6	propane-1,2-diol	5-10%
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EINECS: 200-338-0	substance with a Community workplace exposure limit	
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CAS: 157627-86-6	Alcohols, C13-15, branched and linear, ethoxylated	1-5%
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Xn R22; Xi R41

Eye Dam. 1, H318; Acute Tox. 4, H302

CAS: 61827-42-7	Alcohols, C10 branched ethoxylated	1-5%
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Xi R41

Eye Dam. 1, H318

CAS: 24938-91-8	Tridecyl alcohol ethoxylated	< 2.5%
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Xn R22; Xi R41

Eye Dam. 1, H318; Acute Tox. 4, H302

CAS: 68439-50-9	Alcohols, C12-14, ethoxylated (>2-5EO)	< 1%
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Xi R41; N R50

Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 3, H412

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

non-ionic surfactants	5 - 15%
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anionic surfactants	< 5%
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- **Additional information:** For the wording of the listed risk phrases refer to section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures**General information:**

Immediately remove any clothing soiled by the product.
If symptoms persist or in case of doubt, seek medical advice.

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

Wash with plenty of water immediately after skin contact.
If skin irritation continues, consult a doctor.

After eye contact:

Rinse the eyes with open eyelids for 10 - 15 minutes with water.
If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.
Do not induce vomiting.
Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed Irritation of eyes and mucous membrane**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)

For safety reasons unsuitable extinguishing agents: High volume water jet**5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide (CO)
Carbon dioxide (CO₂)

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

5.3 Advice for firefighters**Protective equipment:**

Do not inhale explosion gases or combustion gases.
Wear self-contained respiratory protective device.
Wear a fully protective suit.

Additional information: Cool endangered receptacles with water spray.

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.
Avoid contact with eyes and skin.

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.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to penetrate the ground/soil.
In case of seepage into the ground inform responsible authorities.

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- **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.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** 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:** Not required
- **Information about storage in one common storage facility:**
Store away from oxidising agents.
Store away from foodstuffs.
Store away from feed.
- **Further information about storage conditions:** Protect from frost.
- **Storage class:** 10-13 other combustible and non-combustible substances
- **7.3 Specific end use(s)** No further relevant information available

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:**
57-55-6 propane-1,2-diol
WEL (Great Britain) Long-term value: 474* 10** mg/m³, 150* ppm
*total vapour and particulates **particulates
OEL (Ireland) Long-term value: 470* 10** mg/m³, 150* ppm
*total vapour and particulates **particulates
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures should be adhered to when handling chemicals.
Avoid close or long term contact with skin.
Avoid contact with eyes.
Do not eat, drink, smoke or sniff while working.
Remove all soiled and contaminated clothing immediately.
Use skin protection cream for skin protection.
The following instructions regarding the protective equipment refer to the industrial use of larger quantities.
- **Breathing equipment:** Not required
- **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.
After use of gloves apply skin-cleaning agents and skin cosmetics.

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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.

Eye protection: Safety glasses**Body protection:** Not required

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information:****Appearance:**

Form:	Liquid
Colour:	Colourless
Odour:	Soapy
Odour threshold:	Not determined

pH-value at 20 °C: 8.7
In delivery state**Change in condition:****Melting point/Melting range:** Not determined**Boiling point/Boiling range:** Not determined**Flash point:** > 100 °C**Self ignition temperature:** Product is not self-igniting.**Danger of explosion:** Product does not present an explosion hazard.**Density at 20 °C:** 1.01 g/cm³**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** Reacts with acids forming carbon dioxide.**10.4 Conditions to avoid** No further relevant information available**10.5 Incompatible materials:** Acids**10.6 Hazardous decomposition products:**

No hazardous decomposition products if instructions for storage and handling are followed

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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:** Mild irritation of the skin is possible for persons with a sensitive skin.
- **on the eye:** Irritating effect
- **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

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:**
According to appendix 4 of VwVwS dated 27.7.2005 (German regulation)
Water hazard class 2 (German Regulation) (Self-assessment): hazardous to water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water even if small quantities leak into the ground.
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.
- **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 06 01 aqueous washing liquids and mother liquors
- **Uncleaned packagings:**
- **Recommendation:** Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

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· Recommended cleansing agent: Water**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, IMDG, IATA · Class	Void
· 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
· Transport/Additional information:	Not dangerous according to the above regulations
· 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 2 (Self-assessment): hazardous for water
- Further information:** Version/s 1 - 4 is/are not available in this language.
- 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.

- Reasons for amendments:**
Regulation (EC) No. 1272/2008 /CLP
General revision
- Replaces version dated:** 24.01.2014
- Relevant phrases**
As mentioned in section 3 of the safety data sheet (not relevant for labelling of the product)
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

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R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.
R50 Very toxic to aquatic organisms.

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)

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3