



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

Printing date: 27.08.2014

Version: 3. 0

Revision: 27.08.2014

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

- **1.1 Product identifier**
 - **Trade name:** Dr. Beckmann Service It Dishwasher Cleaner
 - **Formulation-No.:** 029-11
- **1.2 Relevant identified uses of the substance or mixture and uses advised against: -**
 - **Application of the substance / the preparation:** Special cleaning agent
- **1.3 Details of the supplier of the safety data sheet**
 - **Supplier/Manufacturer:**
ACDOPRO Ltd.
Mallison St
Bolton
BL1 8PP
UK
 - **Distributor:**
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 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.

(Contd. on page 2)

GB



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

Printing date: 27.08.2014

Version: 3. 0

Revision: 27.08.2014

Trade name: Dr. Beckmann Service It Dishwasher Cleaner

(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.

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

· 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: 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%

perfumes < 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:** If dust is inhaled, supply fresh air; consult a doctor in case of complaints.**· After skin contact:**

Wash with 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 an eye specialist immediately.**· 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 Irritation of eyes and mucous membrane

(Contd. on page 3)

GB



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

Printing date: 27.08.2014

Version: 3. 0

Revision: 27.08.2014

Trade name: Dr. Beckmann Service It Dishwasher Cleaner

(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:**
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:** No data available
- **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.
Wear a fully protective suit.
- **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.
Wear protective clothing.
Keep unprotected persons away.
Avoid formation of dust.
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **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:**
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**
Ensure good ventilation/exhaustion at the workplace.
Avoid contact with eyes and skin.
Avoid inhalation of dust.
Keep the working area dry and clean.
- **Information about protection against explosions and fires:**
Keep away from combustible substances.
Observe the general rules of industrial fire protection.

(Contd. on page 4)

— GB —



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

Printing date: 27.08.2014

Version: 3. 0

Revision: 27.08.2014

Trade name: Dr. Beckmann Service It Dishwasher Cleaner

(Contd. of page 3)

- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store at ambient temperatures and under dry conditions.
- **Information about storage in one common storage facility:**
 - Store away from foodstuffs.
 - Store away from feed.
 - Store away from acids.
 - Store away from combustible substances.
 - Refer to national regulations for storing hazardous chemicals.
- **Further information about storage conditions:**
 - Protect from humidity and water.
 - Protect from exposure to light.
- **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:**
 - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **CAS No. Designation of material % Type Value Unit**
- **Additional Occupational Exposure Limit Values for possible hazards during processing:**
 - Observe general threshold limit for dust.
- **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.
 - Vacuum contaminated clothing. Do not blow or brush off contamination.
 - 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.
 - Provide eye bath.
- **Breathing equipment:**
 - At formation of dust:
 - Use a suitable respiratory protective device in case of insufficient ventilation.
- **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:**
 - 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 penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses

(Contd. on page 5)

GB



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

Printing date: 27.08.2014

Version: 3. 0

Revision: 27.08.2014

Trade name: Dr. Beckmann Service It Dishwasher Cleaner

(Contd. of page 4)

- **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****General Information:****Appearance:**

Form: Powder
Colour: White
With green and blue speckles

• **Odour:** Citrus-like
• **Odour threshold:** Not determined

• **pH-value:** Alkaline
In aqueous solution

• **Change in condition:**
Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

• **Flash point:** Not applicable

• **Ignition temperature:** Not applicable

• **Decomposition temperature:** Not determined

• **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
UN Test O.1
Read across

• **Density:** Not determined

• **Solubility in / Miscibility with Water:** Soluble

• **Viscosity:**
dynamic: Not applicable

• **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
Water and humidity
Heavy metals

(Contd. on page 6)

— GB —



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

Printing date: 27.08.2014

Version: 3. 0

Revision: 27.08.2014

Trade name: Dr. Beckmann Service It Dishwasher Cleaner

(Contd. of page 5)

10.6 Hazardous decomposition products:

Carbon dioxide
Oxygen

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

ATE oral: > 2000 mg/kg

15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)Oral LD₅₀ 1034 mg/kg (rat)

893 mg/kg (rat/female)

1164 mg/kg (rat/male)

Dermal LD₅₀ > 2000 mg/kg (rabbit)**Primary irritant effect:****on the skin:** Not determined**on the eye:** Strong 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 data available**STOT-repeated exposure:** No data available**Aspiration hazard** Not relevant**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:**

There are no quantitative data available for the product itself.

15630-89-4 disodium carbonate, compound with hydrogenperoxide (2:3)EC₅₀/48h 4.9 mg/l (Daphnia pulex)LC₅₀/96h 70.7 mg/l (Pimephales promelas)NOEC 2 mg/l (Daphnia pulex)
48h

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

12.2 Persistence and degradability No further relevant information available**Other information:**

The product has not been tested.

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**Ecotoxicological effects:****Remark:** The product has not been tested.

(Contd. on page 7)

GB



Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 27.08.2014

Version: 3. 0

Revision: 27.08.2014

Trade name: Dr. Beckmann Service It Dishwasher Cleaner

(Contd. of page 6)

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

According to appendix 4 of VwVwS dated 27.7.2005 (German regulation)

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

SECTION 13: Disposal considerations

13.1 Waste treatment methods

• **Recommendation:** Disposal according to instructions of local authorities

European waste catalogue:

07 06 08* other still bottoms and reaction residues

20 01 29* detergents containing dangerous substances

Uncleaned packagings:

• **Recommendation:** Disposal must be made according to official regulations.

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":	-

GB

(Contd. on page 8)



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

Printing date: 27.08.2014

Version: 3. 0

Revision: 27.08.2014

Trade name: Dr. Beckmann Service It Dishwasher Cleaner

(Contd. of page 7)

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:** Version/s 1-2 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.

- **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.
.....
R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.
R8 Contact with combustible material may cause fire.
- **Classification according to Regulation (EC) No 1272/2008** Eye irrit. 2 calculation method
- **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: Måle teknisk Arbejdshygienisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)
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
- **Sources:** IUCLID-Dossier



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

Printing date: 27.08.2014

Version: 3. 0

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

1.1 Product identifier

Trade name: **Dr. Beckmann Service It Door Seal Wipe**

Formulation-No.: 039-11

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

Distributor:

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

Supplier:

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

Telefon: 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 The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC not applicable

Information concerning particular hazards for human and environment:

No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Other notes: P102 Keep out of reach of children.

Additional information:

Contains 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable



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

Printing date: 27.08.2014

Version: 3. 0

Revision: 27.08.2014

Trade name: Dr. Beckmann Service It Door Seal Wipe

(Contd. of page 1)

SECTION 3: Composition/information on ingredients**3.2 Chemical characterisation: Mixtures****Description:** Wipes impregnated with a solution of special active agents based on surfactants.**Dangerous components:**

CAS: 67-63-0	propan-2-ol	1-5%
EINECS: 200-661-7	Xi R36; F R11	
Index number: 603-117-00-0	R67	
	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	

CAS: 56-81-5	glycerol	< 2.5%
EINECS: 200-289-5	substance with a Community workplace exposure limit	

CAS: 34590-94-8	(2-methoxymethylethoxy)propanol	< 1%
EINECS: 252-104-2	substance with a Community workplace exposure limit	

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

non-ionic surfactants, preservation agents (POLYAMINOPROPYL BIGUANIDE, BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE), perfumes	< 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:** If symptoms persist or in case of doubt, seek medical advice.**After inhalation:**

In this form unlikely.

If used properly, no formation of harmful vapours.

After skin contact: Wash with water.**After eye contact:** Rather unlikely if used appropriately.**After swallowing:**

In this form most unlikely. However, if product comes into contact with the mouth:

Rinse mouth with water.

If babies/toddlers are concerned, always consult a physician or the local Poison Information Centre.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.**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:**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: No data available**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)**5.3 Advice for firefighters****Protective equipment:**

Wear self-contained respiratory protective device.

Wear a fully protective suit.

(Contd. on page 3)

— GB —



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

Printing date: 27.08.2014

Version: 3. 0

Revision: 27.08.2014

Trade name: Dr. Beckmann Service It Door Seal Wipe

(Contd. of page 2)

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** Not required.
- **6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **6.3 Methods and material for containment and cleaning up:**
Pick up mechanically.
Make sure to recycle or dispose of in suitable receptacles.
- **6.4 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.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used properly.
- **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 foodstuffs.
Store away from feed.
- **Further information about storage conditions:**
Protect from heat and direct sunlight.
Keep receptacle tightly sealed.
- **Storage class:** 11 Combustible solids
- **7.3 Specific end use(s)** Follow the directions!

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:**

67-63-0 propan-2-ol

WEL (Great Britain)	Short-term value: 1250 mg/m ³ , 500 ppm Long-term value: 999 mg/m ³ , 400 ppm
OEL (Ireland)	Short-term value: 400 ppm Long-term value: 200 ppm
Sk	

56-81-5 glycerol

WEL (Great Britain)	Long-term value: 10 mg/m ³
OEL (Ireland)	Long-term value: 10 mg/m ³

(Contd. on page 4)

— GB —



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

Printing date: 27.08.2014

Version: 3. 0

Revision: 27.08.2014

Trade name: Dr. Beckmann Service It Door Seal Wipe

(Contd. of page 3)

34590-94-8 (2-methoxymethylethoxy)propanol

WEL (Great Britain) Long-term value: 308 mg/m³, 50 ppm
Sk

IOELV (European Union) Long-term value: 308 mg/m³, 50 ppm
Skin

OEL (Ireland) Long-term value: 308 mg/m³, 50 ppm
Sk, IOELV

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.

The following instructions regarding the protective equipment refer to the industrial use of larger quantities.

Use skin protection cream for skin protection.

Breathing equipment: Not required**Protection of hands:**

At longer contact: protective gloves

To avoid skin problems reduce the wearing of gloves to the required minimum.

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.

Eye protection: Not required**Body protection:** Light weight protective clothing**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information:****Appearance:**

Form: Liquid on inert carrier material

Colour: -

Odour: Citrus-like

Odour threshold: Not determined

pH-value: 7.6

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

(Contd. on page 5)

—GB—



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

Printing date: 27.08.2014

Version: 3. 0

Revision: 27.08.2014

Trade name: Dr. Beckmann Service It Door Seal Wipe

(Contd. of page 4)

Upper:	Not applicable
· Density at 20 °C:	0.99 g/cm ³
· Solubility in / Miscibility with Water:	-
· Viscosity:	
dynamic:	Not determined
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.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available
- **10.5 Incompatible materials:** No further relevant information available
- **10.6 Hazardous decomposition products:**
No hazardous decomposition products if instructions for storage and handling are followed

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:** Not determined
- **on the eye:** Not determined
- **On respiratory tract:** No data available
- **Sensitisation:** Various components have sensitising properties.
- **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
- **12.3 Bioaccumulative potential** No further relevant information available
- **12.4 Mobility in soil** No further relevant information available

(Contd. on page 6)

GB



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

Printing date: 27.08.2014

Version: 3. 0

Revision: 27.08.2014

Trade name: Dr. Beckmann Service It Door Seal Wipe

(Contd. of page 5)

Additional ecological information:**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous to water

According to appendix 4 of VwVwS dated 27.7.2005 (German regulation)

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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

20 01 29* detergents containing dangerous substances

15 01 02 plastic packaging

Uncleaned packagings:**Recommendation:** Disposal must be made according to official regulations.**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":	-

GB

(Contd. on page 7)



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

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Version: 3. 0

Revision: 27.08.2014

Trade name: Dr. Beckmann Service It Door Seal Wipe

(Contd. of page 6)

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water
- **Further information:** Version/s 1-2 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.

• Relevant phrases

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

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

• Department issuing MSDS:

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• 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: Måle teknisk Arbejdshygjensk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Liq. 2: Flammable liquids, Hazard Category 2

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

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3