

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

1.1. Product identifier

Trade name : Dr. Beckmann Service-It Deep Clean with active coal
 Formulation-No. : 045-17
 Type of product : Detergent

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Intended for general public
 Use of the substance/mixture : Special cleaning agent

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

ACDOPRO Ltd.
 Mallison St
 BL1 8PP Bolton - United Kingdom

Email competent person

sds@kft.de

Distributor

ACDOCO Ltd.
 Martens Road
 Northbank Industrial Estate
 M44 5AX Manchester - United Kingdom
 T +44 (0) 161 7757766

1.4. Emergency telephone number

Emergency number	: National Health Service (NHS) 24 hour national number England and Scotland: 111 Wales: 0845 46 47 Northern Ireland: call your local General Practitioner Call 999 if there is a life-threatening incident.	consumer	Distributor: Alf.Mizzi & Sons (Mktg) Group Zachary House Marsa Industrial Estate Marsa MRS3000, Malta Tel. 00356 2554 0000 Emergency Telephone No: 112
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 1 H318
 Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye damage.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) : 

GHS05

Signal word (CLP) : Danger
 Hazardous ingredients : Silicic acid, sodium salt
 Hazard statements (CLP) : H318 - Causes serious eye damage.

Dr. Beckmann Service-It Deep Clean with active coal

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Precautionary statements (CLP)	: P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P280 - Wear eye protection, face protection. 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. P501 - Dispose of contents/container to a hazardous or special waste collection point.
Child-resistant fastening	: Not applicable
Tactile warning	: Not applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Disodium carbonate, compound with hydrogen peroxide (2:3)	(CAS-No.) 15630-89-4 (EC-No.) 239-707-6	>=10 - <20	Ox. Sol. 2, H272 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
sodium carbonate	(CAS-No.) 497-19-8 (EC-No.) 207-838-8 (EC Index-No.) 011-005-00-2	>=5 - <10	Eye Irrit. 2, H319
Silicic acid, sodium salt	(CAS-No.) 1344-09-8 (EC-No.) 215-687-4	>=2.5 - <5	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
6-(phthalimido)peroxyhexanoic acid (Note T)	(CAS-No.) 128275-31-0 (EC-No.) 410-850-8 (EC Index-No.) 617-019-00-0	>=0.1 - <1	Org. Perox. D, H242 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Activated Carbon, High Density Skeleton substance with national workplace exposure limit(s) (GB)		>=0.1 - <1	Not classified

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Disodium carbonate, compound with hydrogen peroxide (2:3)	(CAS-No.) 15630-89-4 (EC-No.) 239-707-6	(7.5 =<C < 25) Eye Irrit. 2, H319 (C >= 25) Eye Dam. 1, H318

Note T : This substance may be marketed in a form which does not have the physical hazards as indicated by the classification in the entry in Part 3. If the results of the relevant method or methods in accordance with Part 2 of Annex I of this Regulation show that the specific form of substance marketed does not exhibit this physical property or these physical hazards, the substance shall be classified in accordance with the result or results of this test or these tests. Relevant information, including reference to the relevant test method(s) shall be included in the safety data sheet.

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth out with water. Spit. Drink plenty of water. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

Dr. Beckmann Service-It Deep Clean with active coal

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact : Repeated or prolonged skin contact may cause irritation.
Symptoms/effects after eye contact : Serious damage to eyes.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media : Strong water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. Hydrogen chloride. Carbon dioxide. Carbon monoxide. Nitrogen oxides. Metal oxides.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information : Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid sub-soil penetration. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
Other information : Disposal must be done according to official regulations.

6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area.
Incompatible materials : Strong acids. Strong bases.
Heat and ignition sources : Keep away from heat and direct sunlight.
Information about storage in one common storage facility : Keep away from food, drink and animal feeding stuffs.
Storage area : Store away from heat. Protect from moisture.

7.3. Specific end use(s)

No additional information available

Dr. Beckmann Service-It Deep Clean with active coal

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Activated Carbon, High Density Skeleton

United Kingdom	Local name	Graphite
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ inhalable dust 4 mg/m ³ respirable
United Kingdom	Observe general threshold limit for dust.	
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE

Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)

DNEL/DMEL (Workers)

Acute - local effects, dermal	12.8 mg/cm ²
Long-term - local effects, dermal	12.8 mg/cm ²
Long-term - local effects, inhalation	5 mg/m ³

DNEL/DMEL (General population)

Acute - local effects, dermal	6.4 mg/cm ²
Long-term - local effects, dermal	6.4 mg/cm ²

PNEC (Water)

PNEC aqua (freshwater)	0.035 mg/l
PNEC aqua (marine water)	0.035 mg/l
PNEC aqua (intermittent, freshwater)	0.035 mg/l

PNEC (STP)

PNEC sewage treatment plant	16.24 mg/l
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sodium carbonate (497-19-8)

DNEL/DMEL (Workers)

Long-term - local effects, inhalation	10 mg/m ³
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DNEL/DMEL (General population)

Acute - local effects, inhalation	10 mg/m ³
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Silicic acid, sodium salt (1344-09-8)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	1.59 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	5.61 mg/m ³

DNEL/DMEL (General population)

Long-term - systemic effects, oral	0.8 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1.38 mg/m ³
Long-term - systemic effects, dermal	0.8 mg/kg bodyweight/day

PNEC (Water)

PNEC aqua (freshwater)	7.5 mg/l
PNEC aqua (marine water)	1 mg/l

PNEC (STP)

PNEC sewage treatment plant	348 mg/l
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8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountain with clean water.

Dr. Beckmann Service-It Deep Clean with active coal

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Hand protection:

In case of repeated or prolonged contact wear gloves. EN 374. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear. For undissolved solid substances following materials may be suitable: Butyl rubber, Chloroprene rubber, Fluoroelastomer (FKM), Nitrile rubber

Eye protection:

Wear closed safety glasses. EN 166. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. EN 143. Short term exposure. Dust production: dust mask with filter type P2. . Breathing equipment is only to be used in order to handle the residual risk of short term jobs if all other risk minimizing measures have been carried out e.g. retention and/or local exhaust

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not breathe Dust. Do not eat, drink or smoke when using this product. Avoid contact with eyes. Always wash hands after handling the product. Apply emollient cream.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: No data available
Odour	: perfumed.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: Not applicable
Relative evaporation rate (ether=1)	: Not applicable
Melting point	: Not applicable
Freezing point	: Not applicable
Boiling point	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: No data available
Solubility	: Water: Soluble
Log Pow	: Not applicable
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing. Test O.1 Test for oxidizing solids. Read-across.
Explosive limits	: Not applicable

9.2. Other information

Other properties	: Organic Peroxides, Type G UN-Handbuch über Prüfungen und Kriterien (Teil II, Abschnitt 20.4.3 – Klassifizierung von organischen Peroxiden) Classification according to Regulation (EC) No. 1272/2008 [CLP] (Organic peroxide 2.15.2.1 a).
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Dr. Beckmann Service-It Deep Clean with active coal

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

heat.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

ATE CLP (oral)	5277 mg/kg bodyweight
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Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)

LD50 oral rat	1034 mg/kg
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LD50 dermal rabbit	> 2000 mg/kg
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Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : Not classified (Not relevant)

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity : Not classified (Based on available data, the classification criteria are not met)
Chronic aquatic toxicity : Not classified (Based on available data, the classification criteria are not met)

6-(phthalimido)peroxyhexanoic acid (128275-31-0)

LC50 fish 1	0.4 mg/l (96 h; Brachydanio rerio)
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EC50 Daphnia 1	17.6 mg/l (48 h; Daphnia magna)
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EC50 72h algae (1)	2.6 mg/l (Pseudokirchneriella subcapitata)
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Dr. Beckmann Service-It Deep Clean with active coal

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

12.2. Persistence and degradability

Dr. Beckmann Service-It Deep Clean with active coal

Persistence and degradability	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.
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sodium carbonate (497-19-8)

Persistence and degradability	Not applicable.
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Activated Carbon, High Density Skeleton

Persistence and degradability	No additional information available.
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6-(phthalimido)peroxyhexanoic acid (128275-31-0)

Persistence and degradability	Readily biodegradable.
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Biodegradation	70 % (28 d)
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12.3. Bioaccumulative potential

Dr. Beckmann Service-It Deep Clean with active coal

Log Pow	Not applicable
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Bioaccumulative potential	The product has not been tested.
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sodium carbonate (497-19-8)

Bioaccumulative potential	Not applicable.
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Activated Carbon, High Density Skeleton

Bioaccumulative potential	No additional information available.
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12.4. Mobility in soil

Dr. Beckmann Service-It Deep Clean with active coal

Ecology - soil	The product has not been tested.
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Activated Carbon, High Density Skeleton

Ecology - soil	No additional information available.
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12.5. Results of PBT and vPvB assessment

Dr. Beckmann Service-It Deep Clean with active coal

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Component

Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
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sodium carbonate (497-19-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
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Silicic acid, sodium salt (1344-09-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
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Activated Carbon, High Density Skeleton (7440-44-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
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6-(phthalimido)peroxyhexanoic acid (128275-31-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
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Dr. Beckmann Service-It Deep Clean with active coal

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Disposal must be done according to official regulations. European waste catalogue. Do not dispose of with domestic waste. Do not discharge into drains or the environment.

European List of Waste (LoW) code : 07 06 99 - wastes not otherwise specified
20 01 29* - detergents containing dangerous substances

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Detergent Regulation : Labelling of contents:

Component	%
oxygen-based bleaching agents	15-30%

Dr. Beckmann Service-It Deep Clean with active coal

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

zeolites, anionic surfactants	<5%
disinfectants	
perfumes	
HEXYL CINNAMAL	

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
2.2	Precautionary statements (CLP)	Modified	P501

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

Data sources : ECHA (European Chemicals Agency). MSDSs of the suppliers. Information provided by the manufacturer.

Dr. Beckmann Service-It Deep Clean with active coal

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Department issuing data
specification sheet:

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Contact person

: Dr. Johann Klassen

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Org. Perox. D	Organic Peroxides, Type D
Ox. Sol. 2	Oxidising Solids, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H242	Heating may cause a fire.
H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Eye Dam. 1	H318	Calculation method

KFT SDS EU 02

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product