

Trade name : Deleo® Homecare  
Revision date : 09.01.2021  
Date of print : 17.02.2015

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

### 1.1 Product identifier

#### **Deleo® Abflussreinger / Hair Remover Drain-free**

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

#### Relevant identified uses

Washing and cleaning products

### 1.3 Details of the supplier of the safety data sheet

#### Supplier (manufacturer/importer/only representative/downstream user/distributor)

Aquacontrol GmbH

Street : Champagne 7

Postal code/city : D-42781 Haan/Germany

Telephone : +49 2104 912 7500

Email: [office@deleo-die-kraft.com](mailto:office@deleo-die-kraft.com)

Information contact : [office@deleo-die-kraft.com](mailto:office@deleo-die-kraft.com)

### 1.4 Emergency Telephone Number

Office: +49 2104 912 7500 during normal office hours

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

Acute Tox. 4 ; H302 - Acute toxicity (oral) : Category 4 ; Harmful if swallowed.

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

Skin Corr. 1A ; H314 - Skin corrosion/irritation : Category 1A ; Causes severe skin burns and eye damage.

Met. Corr. 1 ; H290 - Corrosive to metals : Category 1 ; May be corrosive to metals.

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

Causes severe burns. · Harmful if swallowed.

C ; R 35 · Xn ; R 22

### 2.2 Label elements

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

##### Hazard pictograms



Corrosion (GHS05) · Exclamation mark (GHS07)

##### Signal word

Danger

##### Hazard components for labelling

POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3

##### Hazard Statements

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H302 Harmful if swallowed.

##### Precautionary statements

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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

P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

# Safety Data Sheet

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



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P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P390 Absorb spillage to prevent material damage.

## 2.3 Other hazards

None

## SECTION 3: Composition/ information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

POTASSIUM HYDROXIDE ; REACH registration No. : 01-2119487136-33-XXXX ; EC No : 215-181-3; CAS No. : 1310-58-3

Weight fraction : 25 - < 50 %

Classification 67/548/EEC : C ; R35 Xn ; R22

Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290 Skin Corr. 1A ; H314 Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

#### Additional information

Full text of R-, H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

When in doubt or if symptoms are observed, get medical advice.

#### After inhalation

Remove casualty to fresh air and keep warm and at rest.

#### In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Rub greasy ointment into the skin.

#### After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

#### After ingestion

Rinse mouth immediately and drink plenty of water. Call a physician immediately.

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

Causes severe skin burns and eye damage. H302 - Harmful if swallowed.

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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Sand. Nitrogen. Extinguishing blanket

### 5.2 Special hazards arising from the substance or mixture

Corrosive gases / vapours.

#### Hazardous combustion products

Carbon dioxide (CO<sub>2</sub>). Carbon monoxide.

### 5.3 Advice for firefighters

The product itself does not burn. Adapt extinguishing measures to suit the environment. Move undamaged containers from immediate hazard area if it can be done safely. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Wear a self-contained breathing apparatus and chemical protective clothing.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Special danger of slipping by leaking/spilling product.

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## 6.2 Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## 6.3 Methods and material for containment and cleaning up

Clear spills immediately. Wipe up with absorbent material (eg. cloth, fleece). Wash with plenty of water. Treat the recovered material as prescribed in the section on waste disposal.

## 6.4 Reference to other sections

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Keep container tightly closed.

### 7.2 Conditions for safe storage, including any incompatibilities

Do not store together with Acid. Keep/Store only in original container. Protect against Frost.

#### Hints on joint storage

Storage class (TRGS 510) : 8B

### 7.3 Specific end use(s)

Observe technical data sheet. Observe instructions for use.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Personal protection equipment

##### Eye / face protection



Wear suitable safety goggles in case of splash.

##### Suitable eye protection

Safety goggles acc. EN 166.

##### Skin protection

##### Hand protection



Wear protective gloves in case of longer lasting skin contact.

Suitable gloves type : EN 374.

Suitable material : NBR (Nitrile rubber).

Breakthrough time (maximum wearing time) : 480 min.

Thickness of the glove material : 0.4 mm

Remark : The exact break through time has to be requested from the protective glove manufacturer and limits has to be ensured.

#### General health and safety measures

Do not put any product-impregnated cleaning rags into your trouser pockets. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. P362 - Take off contaminated clothing and wash before reuse. P264 - Wash hands thoroughly after handling.

### 8.3 Additional information

No tests have been performed. Selection made for preparations according to the best available knowledge and information on ingredients. In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance :** liquid  
**Colour :** red  
**Odour :** odourless

#### Safety relevant basis data

<b>Boiling temperature / boiling range :</b>	( 1013 hPa )	>	100 °C	
<b>Flash point :</b>			not relevant	
<b>Ignition temperature :</b>			not relevant	
<b>Lower explosion limit :</b>			not relevant	
<b>Upper explosion limit :</b>			not relevant	
<b>Density :</b>	( 20 °C )	ca.	1,45 g/cm <sup>3</sup>	
<b>pH value :</b>		ca.	14	
<b>Flow time :</b>	( 20 °C )		not relevant	DIN-cup 4 mm
<b>Maximum VOC content (EC) :</b>			0 Wt %	
<b>Maximum VOC content (Switzerland) :</b>			0 Wt %	

### 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

No information available.

### 10.3 Possibility of hazardous reactions

May cause strong formation of hydrogen by contact with amphoteric metals (e.g. alumina, lead, zinc). Exothermic reaction with: Acid.

### 10.4 Conditions to avoid

50 - Do not mix with acids.

### 10.5 Incompatible materials

metal, base.

### 10.6 Hazardous decomposition products

Corrosive gases / vapours.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute effects

##### Acute oral toxicity

Parameter :	LD50 ( POTASSIUM HYDROXIDE ; CAS No. : 1310-58-3 )
Exposure route :	Oral
Species :	Rat
Effective dose :	365 mg/kg
Methode :	OECD 425

### 11.2 Toxicokinetics, metabolism and distribution

There are no data available on the preparation / mixture itself.

### 11.3 Other adverse effects

None

### 11.4 Additional information

Preparation not tested. The statement is derived from the properties of the single components.

## SECTION 12: Ecological information

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### 12.1 Toxicity

No information available.

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

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

### 12.6 Other adverse effects

No information available.

### 12.7 Further ecological information

None

## SECTION 13: Disposal considerations

The waste codes are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

### 13.1 Waste treatment methods

#### Product/Packaging disposal

##### Waste codes / waste designations according to EWC / AVV

##### Waste code product

20 01 29\* - detergents containing dangerous substances.

##### Waste code packaging

15 01 02 - plastic packaging.

##### Waste treatment options

##### Appropriate disposal / Package

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

### 13.2 Additional information

These codes are assigned based upon the most common uses for this material and may not reflect contaminants resulting from actual use.

## SECTION 14: Transport information

### 14.1 UN number

UN 1760

### 14.2 UN proper shipping name

#### Land transport (ADR/RID)

CORROSIVE LIQUID, N.O.S. ( POTASSIUM HYDROXIDE )

#### Sea transport (IMDG)

CORROSIVE LIQUID, N.O.S. ( POTASSIUM HYDROXIDE )

#### Air transport (ICAO-TI / IATA-DGR)

CORROSIVE LIQUID, N.O.S. ( POTASSIUM HYDROXIDE )

### 14.3 Transport hazard class(es)

#### Land transport (ADR/RID)

Class(es) : 8  
Classification code : C9  
Hazard identification number (Kemler No.) : 80  
Tunnel restriction code : E  
Special provisions : E 1

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Hazard label(s) :



8

Sea transport (IMDG)

Class(es) :

8

EmS-No. :

F-A / S-B

Special provisions :

LQ 1 | · E 2 · Segregation Group 18 - Alkalis

Hazard label(s) :



8

Air transport (ICAO-TI / IATA-DGR)

Class(es) :

8

Special provisions :

E 0

Hazard label(s) :



8

## 14.4 Packing group

II

## 14.5 Environmental hazards

Land transport (ADR/RID) : No

Sea transport (IMDG) : No

Air transport (ICAO-TI / IATA-DGR) : No

## 14.6 Special precautions for user

None

## SECTION 15: Regulatory information

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

EU legislation

Other regulations (EU)

Labelling for contents according to regulation (EC) No. 648/2004

< 5 % non-ionic surfactants

National regulations

AT: Labelling according to Austrian regulations (Chemikaliengesetz/ChemV).

CH: Chemikalienverordnung (ChemV) and Chemikalien-Risikoreduktions-Verordnung (Chem RRV) are complied.

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

Other regulations, restrictions and prohibition regulations

VbF-Class : -

### 15.2 Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### 16.1 Indication of changes

02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 14. Transport information

### 16.2 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)

AOX: adsorbable organohalogens

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

CLP: Classification Labelling and Packaging (Regulation (EC) No. 1272/2008)

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EAK / AVV: europäischer Abfallschlüsselkatalog (european waste catalogue)  
EINECS: European Inventory of Existing Commercial Chemical Substances  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
IMDG: International Maritime Code for Dangerous Goods  
RCP: reciprocal calculation procedure  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
TRGS: Technische Regel für den Umgang mit Gefahrstoffen  
VbF: Verordnung über brennbare Flüssigkeiten  
VOC: volatile organic compound  
VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe  
WGK: Wassergefährdungsklasse (water hazardous class)

### 16.3 Key literature references and sources for data

DGUV: GESTIS-Stoffdatenbank  
ECHA: Classification And Labelling Inventory  
ECHA: Registered Substances  
ECHA: Registered Substances  
EC\_Safety Data Sheet of Suppliers  
ESIS: European Chemical Substances Information System  
GDL: Gefahrstoffdatenbank der Länder  
UBA Rigoletto: Wassergefährdende Stoffe

### 16.4 Relevant R-, H- and EUH-phrases (Number and full text)

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
22	Harmful if swallowed.
35	Causes severe burns.

### 16.5 Training advice

None

### 16.6 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.