

**Safety datasheet in accordance
with 1907/2006/EC, Article 31**

Print date: 10.03.2017 revised on: 18.05.2021

SECTION 1: Naming the substance or mixture and the company

1.1 Product identifier

- **Trading name:** The Cleaner
- **Item number:** DC95

1.2 Relevant identified use of the material or mixture and uses that are not advised

- **Usage sector**
 - SU3 Industrial use: Use of substances as such or in preparations in industrial locations
 - SU22 Commercial use: Public area (administration, education, entertainment, services, trades)
 - SU21 Consumer use: Private households /general public / consumers
- **Use of the substance / mixture:** Cleaning agent

1.3 Details of the supplier that has provided the safety datasheet •

Manufacturer/supplier:

The Cleaner

2301 Groß Enzersdorf, Akazienweg 18

- **Further information available from:** The Cleaner, G. Jungwirth, email: g.jungwirth@thecleaner.at

SECTION 2: Possible hazards

2.1 Categorisation of the substance or mixture Contains less than 0.5 % sodium hydroxide

Categorisation under Regulation (EC) 1272/2008



GHS05 Corrosion

Metal corrosion 1 H290 May be corrosive to metals.



GHS07

Skin Irritation. 2 H315 Causes skin irritation.

Eye Irritation 2 H319 Causes serious eye irritation.

2.2 Labelling elements

■ **Labelling under Regulation (EC) 1272/2008**

The product is categorised and labelled in accordance with the CLP regulation.

■ **Risk pictograms**



GHS05

Signal word Warning

■ **Risk indication**

H290 May be corrosive to metals.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Safety notice

P101

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

P102

Keep out of reach of children.

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P103	Read label before use.
P280	Wear protective gloves.
P234	Keep only in original container.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and possible. Continue to rinsing.
P321	Specific treatment (see on this label).
P332+P313	With skin irritation: Get medical advice/attention.
P337+P313	With persistent eye irritation: Get medical advice/attention.
P406	Store in corrosion-resistant container with resistant inner lining.

•2.3 Other hazards**•Results of the PBT und vPvB assessment****•PBT:** Not applicable.**•vPvB:** Not applicable.**SECTION 3: Composition/Details of components****•3.2 Mixtures****•Description:** Mixture of the following listed substances with non-hazardous admixtures.

• Hazardous ingredients:		
CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-xxxx	2-(2-Butoxyethoxy)ethanol Eye irritation 2, H319	<40.0%
CAS: 7320-34-5 EINECS: 230-785-7 Reg.nr.: 01-2119489369-xxxx	Tetra potassium diphosphate Eye irritation 2, H319	<2.5%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-xxxx	Ethanol Flammable liquid 2, H225	<2.5%
CAS: 9043-30-5 Reg.nr.: 02-2119552461-xxxx	Poly(oxy-1,2-ethandiyl)-a-tridecyl-m-hydroxy-, branched Eye damage 1, H318; Acute toxicity 4, H302	<1.5%
CAS: 1310-73-2 EINECS: 215-185-5 Reg.nr.: 01-2119457892-xxxx	Sodium hydroxide Metallic corrosion 1, H290; skin corrosion 1A, H314	<0.5%

• Additional notes: The wording of the listed hazard notices is given in Section 16.**SECTION 4: First-aid measures****•4.1 Description of the first-aid measures****•After inhalation:** In the event of unconsciousness, place and transport in a stable recovery position.**•After skin contact:** Wash immediately with water and soap and rinse well.**•After eye contact:** Rinse eyes for several minutes under running water with eyelid open. Consult a doctor in the event of persistent complaints.**•After swallowing:** Consult a doctor in the event of persistent complaints.**•4.2 Most important acute and delayed symptoms and effects** No other relevant information available.**•4.3 Indication of immediate medical care or special treatment** No other relevant information available.

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SECTION 5: Measures to combat fire

•5.1 Extinguishing agent

Suitable extinguishing agent:

CO₂, extinguishing powder or water spray. Combat larger fire with water spray or alcohol-resistant foam.

•5.2 Special hazards arising from the substance or mixture No other relevant information available.

•5.3 Notes for firefighting

•Special protective equipment: Wear self-contained breathing apparatus.

SECTION 6: Measures in the event of unintended release

•6.1 Person-related protective measures, protective equipment and methods to be applied in an emergency Not necessary.

•6.2 Environmental protection measures:

Dilute with plenty of water. Do not allow to enter the sewage system/surface water/groundwater.

•6.3 Methods and materials for retention and cleaning:

Absorb with liquid binding material (sand, diatomaceous earth, acid binders, universal binders, sawdust). Ensure sufficient ventilation.

•6.4 Reference to other sections

No hazardous substances are released. See Section 7 for information on safe handling. See Section 8 for information on personal protective equipment. See Section 13 for information on disposal.

SECTION 7: Handling and storage

•7.1 Protective measures for safe handling

Ensure good ventilation/extraction at the workplace. Avoid formation of aerosols.

•Notes on fire and explosion protection: No special measures required.

•7.2 Conditions for safe storage under consideration of incompatibilities

•Storage:

•Requirements for storage spaces and containers: No special requirements.

•Notes on storage in a common facility: Not necessary.

•Other information on storage conditions:

Do not store below 5 °C. Keep containers sealed.

•Storage category:

•VbF category: Not relevant

•7.3 Specific end use No other relevant information available.

SECTION 8: Limitation and monitoring of the exposition/personal protective equipment

• Additional notes on the design of technical facilities: No further information, see Section 7.

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• 8.1 Parameters to be monitored

• Components with workplace-related limits to be monitored:	
112-34-5 2-(2-Butoxyethoxy)ethanol	
MAK (Austria)	Short-term value: 101,2 mg/m ³ , 15 ml/m ³
IOELV(European Union)	Long-term value: 67,5 mg/m ³ , 10 ml/m ³
	Short-term value: 101,2 mg/m ³ , 15 ml/m ³
	Long-term value: 67,5 mg/m ³ , 10 ml/m ³
64-17-5 Ethanol	
MAK (Austria)	Short-term value: 3800 mg/m ³ , 2000 ml/m ³
	Long-term value: 1900 mg/m ³ , 1000 ml/m ³
1310-73-2 Sodium hydroxide	
MAK (Austria)	Short-term value: 4 E
	mg/m ³ Long-term value: 2 E
	mg/m ³

• **Additional notes:** The lists valid at the time of creation serve as a basis.

• 8.2 Limitation and monitoring of the exposition

• Personal protective equipment:

• General protective and hygiene measures:

Keep away from foodstuffs, beverages and fodder. Remove soiled, soaked clothing immediately.

Wash hands prior to breaks and at the end of work. Avoid contact with eyes and skin

• Respiratory protection:

Use respiratory filter device in the event of brief exposure or low pollution; in the event of more intensive or longer exposure, use self-contained breathing apparatus. Use respiratory protection where there is insufficient ventilation.

• Hand protection: Protective gloves



Protective gloves

The glove material must be impenetrable and resistant to the product/substance/preparation.

Due to a lack of tests, no recommendation can be made for the glove material for the product/preparation/chemical mixture.

Selection of glove material under consideration of the penetration times, permeation quotas and degradation.

• Glove material

Butyl rubber

PVC

The choice of suitable glove depends not only on the material, but also on other quality features, and differs from manufacturer to manufacturer. As the product is a composition of several substances, the resilience of glove materials cannot be predicted and must therefore be tested before use.

• Penetration time of the glove material The precise penetration time must be found out from the glove manufacturer and observed.

• Eye protection: Protective glasses (EN 166)



Tightly sealed goggles

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SECTION 9: Physical and chemical characteristics	
• 9.1 Information on the fundamental physical and chemical characteristics • General information • Appearance:	
Form:	Liquid
Colour:	Colourless
• Odour:	Odourless
• Odour threshold:	Not defined
• pH value at 20 °C:	<11
• Change of state	
Melting point/range:	Not defined.
Boiling point/range:	> 60 °C
• Flashpoint:	Not applicable
• Flammability (solid, gaseous):	Not applicable
• Ignition temperature:	225 °C
• Decomposition temperature:	Not defined
• Self-inflammability:	The product is not self-inflammable.
• Explosion risk:	The product does not carry the risk of explosion.
• Explosion limits:	
Lower:	0.9 Vol %
Upper:	5.9 Vol %
• Steam pressure at 20 °C:	0,1 hPa
• Density at 20 °C:	1,0147g/cm ³
• Relative density	Not defined
• Steam density	Not defined
• Evaporation speed	Not defined
• Solubility in/miscibility in water:	Fully mixable.
• Distribution coefficient (n-Octanol/water):	Not defined
• Viscosity:	
Dynamic:	Not defined
Kinematic:	Not defined
• 9.2 Other information	No other relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No other relevant information available.

• 10.2 Chemical stability

• Thermal decomposition/conditions to be avoided: No decomposition under correct use.

• 10.3

• 10.5 Incompatible materials: Light metals (aluminium, magnesium)

• 10.6 Hazardous decomposition products:

Possibility of hazardous reactions Reactions with light metals under formation of hydrogen.

• 10.4 Conditions to be avoided No other relevant information available.

In the event of contact with light metals or zinc, caustic soda and hydrogen gas may develop which can result in an explosion when mixed with air.

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SECTION 11: Toxicological information

•11.1 Information on toxicological effects

- **Acute toxicity** The categorisation criteria are not fulfilled based on the available data.
- **Primary irritant effect:**
- **Corrosive/irritant effect on the skin** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Sensitisation of the airways/skin** The categorisation criteria are not fulfilled based on the available data.
- **CMR effects (carcinogenicity, mutagenicity and reproduction-affecting toxicity)**
- **Germ-cell mutagenicity** The categorisation criteria are not fulfilled based on the available data.
- **Carcinogenicity** The categorisation criteria are not fulfilled based on the available data.
- **Reproduction-affecting toxicity** The categorisation criteria are not fulfilled based on the available data.
- **Specific target organ toxicity upon one-off exposition** The categorisation criteria are not fulfilled based on the available data.
- **Specific target organ toxicity upon repeated exposition** The categorisation criteria are not fulfilled based on the available data.
- **Aspiration risk** The categorisation criteria are not fulfilled based on the available data.

SECTION 12: Environmentally-related information

•12.1 Toxicity

- **Aquatic toxicity:** Water hazard class: 0 <1
- **12.2 Persistence and degradability** The OECD-Guidelines (OECD-Test OECD 301 E, Regulation (EG) Nr. 440/2008, C.4-B and DIN EN ISO 7827) list Classification of „biodegradable“ chemical products under test condition, which are equivalent to water treatment plant. At least 60% of the substance is degraded within 28 days and within 10 days after a degradation of 10% has been determined, is considered to be the criterion for classifying a test substance as "biodegradable".
- **12.3 Bioaccumulation potential** No other relevant information available.
- **12.4 Mobility in the soil** No other relevant information available.
- **Other ecological notes:**
- **General information:**
Water hazard class 0 - <1 (self-classification): low water hazard
Do not allow to enter undissolved or in larger quantities into groundwater, waterways or sewage system.
- **12.5 Results of the PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other damaging effects** No other relevant information available.

SECTION 13: Information on disposal

•13.1 Methods of waste treatment

- **Recommendation:**
May not be disposed of together with household waste. Do not allow to enter sewage system.
- **European waste catalogue** 1610 03 aqueous concentrates containing hazardous substances
- **Uncleaned packaging:**
- **Recommendation:** Disposal in accordance with official regulations.
- **Recommended cleaning agent:** Water, where necessary with added cleaning agent.

SECTION 14: Information on transport

- **14.2 Proper UN shipping name -**

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• 14.5 Environmental hazards:	
• Marine pollutant:	<i>No</i>
• 14.6 Special precautionary measures for the user	<i>Not applicable.</i>
• 14.7 Mass transport under Annex II of the MARPOL agreement and under IBC Code	<i>Not applicable.</i>
• Transport/other information:	
• IATA	
• Comments:	<i>Not a hazardous good</i>

SECTION 15: Austrian and EU regulations

•15.1 Regulations on safety, health and environmental protection/specific legal regulations for the substance or mixture

•Guideline 2012/18/EU

•Named hazardous substances - ANNEX I None of the ingredients are contained.

•National regulations:

•Categorisation under VbF: *not relevant*

• Technical instructions air:

Category	Share in %
NK	42,5

• ÖNORM M 9485 :

Category	Share in %
NK	42.5

REGULATION (EC) 1907/2006 ANNEX XVII Restrictive conditions: 3, 55 • **15.2 Substance safety assessment:** *No substance safety assessment was carried out.*

SECTION 16: Other information

The information is based on our latest state of knowledge, however it does not represent any guarantee of product characteristics and does not form any legal basis.

•Relevant sentences

H225 Highly flammable liquid and vapour.

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

•Datasheet issuer: *The Cleaner Company*

•Contact person: *Herr Jungwirth*

•Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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

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

VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids — Category 2
Met. Corr. 1: Corrosive to metals — Category 1
Acute Tox. 4: Acute toxicity — Category 4
Skin Corr. 1A: Skin corrosion — Category 1A
Skin Irrit. 2: Skin irritation — Category 2
Eye Dam. 1: Severe eye damage — Category 1
Eye Irrit. 2: Severe eye irritation — Category 2

• * **Data changed since the preceding version**