

SAFETY DATA SHEET

1. Identification of the substance/preparation and of the company/undertaking

1.1.Product name: **TOILET CLEANER**

1.2.Product description: cleaning, acid cleaning, descaling containing surfactant

1.3.Manufacturer & Supplier:

Well Done St. Moritz Kft.

Address: H-2900 Komárom, Mártírok útja 92. Hungary

Phone number: (36) 34 340 312, Fax number: (36) 34 540 129

E-mail: welldone@welldone.eu

www.welldone.eu

1.4.Emergency Call: Hungarian Health and Toxicological Information Service (ETTSZ)

Phone number: (+36) 1 476-6464, (+36) 80 201-199

2. Hazard identification

The product is corrosive. Skin contact causes severe irritation and produces burns. It is corrosive to eye tissues, can cause severe eye damage. Inhalation of high concentration of the spray/mist may produce severe irritation, burns to the upper respiratory tract and lungs.

The product is classified as a hazardous preparation

2.1. Classification under CLP: Skin Irrit. 2, H315, Eye Dam. 1, H318, STOT SE 3, H335

2.2. Labeling: necessary pictogram: GHS05 and GHS07

DANGER



H-phrases:

H290 May be corrosive to metals.

H315 Skin irritation

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

P-phrases:

P102 Keep out of reach of children.

P103 Read label before use.

P261 Avoid breathing spray.

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

P302+P350 IF ON SKIN: Gently wash with plenty of soap and water.

Hazard determining components: hydrochloric acid, Alcohols, C12-15, ethoxylated

Composition according to the 648/2004 / EC: <5% nonionic surfactant, fragrance contains.

2.3. Other information: strong acid, it reacts violently with alkalis. An active chlorine-containing materials / products in contact with toxic chlorine gas. It may be corrosive to metals.

3. Composition/information on ingredients

30 to 33% hydrochloric acid aqueous solution	CAS No: no	EU No: 231-595-7	33%	Met. Corr. 1, H290; Skin Corr. 1B, H314 STOT SE 3, H335
Alcohols, C12-15, ethoxylated	CAS No: 141-43-5	EU No: 205-483-3	<5%	Acute Tox. 4, H302, Eye Dam. 1, H318

For full text of risk phrases, please refer to Section:16.

4. First Aid measures

4.1.General information: Move victim away from the source of exposure. Remove contaminated shoes, socks and clothing and they should be cleaned or washed before re-use. To drink water or to induce vomiting is forbidden if the victim is unconscious or suffers from convulsions. If toxic symptoms develop or suspicion of intoxication arises call a poison control centre or physician immediately. Show the label and the safety data sheet of the product to the physician.

4.2.If inhaled: Move victim to fresh air, keep in rest and warm, dragging garments should be loosened. Seek immediate medical attention.

Skin: Remove contaminated clothing and shoes. Wash off the affected skin with cold running water and soap thoroughly for at least 20 minutes. If corrosive injuries happen, immediate medical help or hospitalization is necessary. Wash the contaminated clothing before re-use.

Eye: Flush eyes with large amount of water holding the eyelids wide open and moving eyeballs continuously for at least 15 minutes. Seek ophthalmologist immediately, the product is a strong alkaline solution; it can cause serious eye damage.

If swallowed: Wash out mouth cavity with water if the victim is conscious. DO NOT INDUCE vomiting. Have conscious person drink several glasses of water to dilute the ingested strongly alkaline product. Never give an unconscious person anything to ingest. If foam appears, do not make victim drink water, and take care not to let foam get into the lung. Seek immediate medical attention. Show the label and the safety data sheet of the product to the physician.

5. Fire fighting measures

5.1.Suitable extinguishing media: water spray, dry chemical; adapt fire fighting operation to surrounding fire

5.2.Hazardous combustion gases: carbon monoxide, carbon dioxide, nitrogen oxides

5.3.Other informations:The product is not considered to be a fire hazard (aqueous solution).

6. Accidental release measures

6.1.Person-related precautionary measures: See Section 8. Avoid contact and inhalation of the product. Keep unprotected person away.

6.2.Spill/release: Pay attention to danger of slipping. In the event of a major spillage, absorb large quantities of liquid into inert material with extreme absorbing properties, such as sand, peat and remove it in closed containers for disposal in accordance with the local regulations. Wash off remaining material with large amount of water. The product is strongly alkaline; prevent it from mixing with acids, acidic preparations (product reacts violently to acids). In case of minor spillage the usual clean-up methods are suitable.

6.3.Environmental precautions: Prevent spilled material or wash water from entering into drains, surface waters, sewers, groundwater systems.

7. Handling and storage

7.1.Handling: Work watchfully! Prevent eye, skin contact and accidental ingestion. Do not breathe the mist/spray of the product! Do not mix it with other detergents! Before using this product perform a color test. Do not apply it to clean the burner head of gas ovens, or aluminum surfaces. Always use gloves for hand protection!

7.2.Storage: Store upright in a cool, well ventilated area, frost-free, away from strong acids. Keep away from food, feed, reach of children and pets, and heat sources.

8. Exposure controls/personal protection

8.1. control parameters

Occupational exposure limits:

hydrochloric acid: AK: 8 mg/m³; CK: 16 mg/m³.

AK: permitted average concentration, CK: permitted peak concentration Hungarian EüM–SZCSM Decree No 25/2000.

DNEL: DERIVED NO EFFECT LEVEL

short-term inhalation exposure, topical effect: 15 mg / m³

long-term inhalation, topical effect: 8 mg / m³

PNEC: PREDICTED NO EFFECT CONCENTRATION

No data, hydrochloric dissociated in water, the adverse effect is an acidic pH shift

8.2.Technical measures:

- Ensure that the usual protective measures of handling chemicals are kept.
- Ensure sufficient ventilation.
- Provide appropriate personal protective equipments.

8.3.Hygiene measures:

- Do not eat, drink or smoke while handling.
- Wash hand thoroughly after handling.

8.4.Personal protective equipments:

- Respiratory system: Using protective mask is mandatory to protect against acid spray of the product if it is used in a close space, or applied by spraying, or if ventilation is weak.
- Skin protection: Wear protective clothes and chemical resistant gloves (nitrile, neoprene, butyl).
- Eye protection: Wear suitable eye protection when working.
- Running warm and cold water must be provided during and after working hours.

9. Physical and chemical properties

Physical form: liquid

Color: green, clear

Odor: Several fragrance (Ocean; Fresh)

Density (27 C): 1.10 +- 0.08 g/cm³

pH: ~1

Solubility in water: unlimited

Flash point: >100 C⁰

10. Stability and reactivity

10.1. Chemical stability: alkali reacts with evolution of heat, the active chlorine containing products of chlorine gas evolves.

10.2.Conditions to avoid: heat, may decompose by heating

10.3.Materials to avoid: alkalis, basic compositions, the active chlorine containing products. Do not mix with other products!

11. Toxicological information

11.1. The product is not classified as harmful if swallowed.

The product is classified bőrirritálónak: in terms of specific concentration limits for hydrochloric acid solutions: Skin Irrit. 2; H315: 10% ≤ c <25%. Product Classification: STOT SE 3, in terms of the concentration of hydrochloric acid and hydrochloric acid are given specific concentration limits: STOT SE 3; H335 if c ≥ 10%

Product Classification: Eye Dam. 1, as the Eye Dam. Concentration 1 classified component of >3%.

11.2. Effects of exposure:

Ingestion: severe damage in the mucous membrane of gastrointestinal tract

Inhalation spray/mist of the product: severe burns of membrane of respiratory tract

Skin: irritates strongly, causes burns

Eye: strongly irritating to eyes, causes burns that results in serious damage

The product does not contain any carcinogenic components.

12. Ecological information

12.1. Toxicity: Environmental effects due to the pH shift is likely, but the risk of ecosystems buffer capacity, the natural pH fluctuations, etc. Due generally acceptable. The large quantities of product and residues out of municipal sewers, watercourses or soil.

12.2. Persistence and degradability : of hydrogen chloride in the air oxidation of photochemical transformations. The soil get washed into surface water is present in dissociated form; neutralized. Not bioaccumulate, inorganic material. In the product surfactant is readily biodegradable. The biodegradability complies with the biodegradability criteria as laid down in Regulation 648/2004 / EC. Data to support this at all times to the competent authorities of the Member States are available, and can be viewed on request or at the request of a detergent manufacturer directly.

12.3. Bioaccumulation: No data inorganic components of the product does not bio-accumulate.

12.4. Mobility in soil: No data.

12.5. PBT, vPvB assessment: No data.

12.6. Other information: Large quantities of product and its waste must not be poured to sewers, drains, and natural waterways without prior diluting or neutralization. Pay attention to pH of waste water if you enter acidic or alkaline products to the public drainage system. The pH value must remain in the range of 6 to 10. Outlying pH value may damage the sewage system, or the biological waste water treatment systems.

13. Disposal considerations

Chemicals must be disposed of in compliance with national regulations.

Review national provisions prior to disposal.

EWC code: 20 01 14 acids, hazardous waste

EWC code: 15 01 02 plastic packaging waste

14. Transport information

According to the international transport regulations:

ADR/RID: UN-number: 1789

Proper shipping name: HYDROGEN CHLORIDE ACID (HCl)

Packing Group III; Label: 8

Limited and discount rate 5 liters and E1

Class: 8 Classification code: C1 Hazard identification number: 80 Tunnel restriction code: 3 (E)

15. Regulatory information

Relevant Community legislation, (1907/2006/EC) and amendments (987/2008 , 134/2009/EK , 552/2009/EK , 453/2010/EK) REACH Regulation DSD and DPD Directive, 67/548/EEC and 1999/45/EC CLP Regulation (1272/2008/EC) , as amended Biocidal pieces of legislation: Directive 98/8/EC No 1451/2007/EK Detergent Regulation, 648/2004/EC and its amendments Relevant national legislation Chemical safety: 2005th CXXVII . to 2004. XXVI . amended by Law 2000th XXV . Dangerous for the environment , the 44/2000. (. XII.27) Ministry of Health and its amendments ; 25 / 2000th (IX.30 .) ACGIH TLV band and its amendments . Health and safety: the 2007th CLXII year . Law for 2004. Act XI . Law and the 1997th CII . amended by Law 1993rd XCIII . Occupational Safety and Health Act. Biocides Regulation 38 / 2003rd (. VII.7) ESzCsSM Ministry of Agriculture , Ministry of Environment co - regulation and amendments thereto; Waste : . (. Chapter 15) 98/2001 Decree , and the 16 / 2,001th KöM (VII.18 .) Fire protection: the 1996 Convention. Act XXXI . Law on protection against fire, technical rescue and fire brigades , the 9 / of 2008. ÖTM (II.22 .) .

16. Other information

The safety data sheet is characterized by the safety requirements of the product and is not intended to guarantee certain of its properties, is not a substitute for product specifications. The information, data and recommendations contained in this safety data sheet is based on our best knowledge and awareness, and they are accurate, we know to be correct at time of publication and believe. The user takes responsibility for themselves as to the application and use of the product. The data does not imply any legal liability or responsibility for the consequences of any circumstances, use or misuse of the result.

Explanations used for the hazard

Met. Corr.1: Corrosive to metals category 1

Eye Dam.1 Eye damage, category 1

Skin Irrit. 2 Skin Irritation category 2

Acute Tox.4 Acute toxicity category 4

Skin Corr.1A Corrosion category 1

STOT SE 3 Organ toxicity, single exposure. category 3

H phrases (indications of danger) used in step 3 Safety Data Sheet:

H290 May be corrosive to metals.

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage.

H315 Skin irritation

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Date of issue: 16. October 2015