

## MATERIAL SAFETY DATA SHEET

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

1.1 Product name: **INOX CLEANER**

1.2 Application: detergent for cleaning and polishing INOX surfaces: i.e. stainless steel, acid proof surfaces (stove, dishwasher, refrigerator door, etc.)

1.3 Producer and distributor identification

**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](mailto:welldone@welldone.eu)

[www.welldone.eu](http://www.welldone.eu)

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

Phone number: (36) 1 476-6464, (36) 06 80 201-199

### SECTION 2: Hazards identification

2.1 Product classification

the product is classified as non- hazardous preparation / mixture.

2.2. Label elements

**Hazard pictograms:** not necessary.

**The mixture dangers / risks of warning H-phrase:** not necessary.

**Precautionary Statements:**

P102 Keep out of reach of children.

**Ingredients:** It contains perfumes (LIMONENE).

2.3. Other hazards Information

Avoid transfer into product the eyes, inhalation of spray!

### SECTION 3: Composition/information on ingredients

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

**Dipropylene glycol**

**monomethyl ether**

1-5%

Not a hazardous substance

number: 34590-94-8

EU-number: 252-104-2

**citric acid**

< 3%

Eye Irrit. 2, H319

CAS-number: 77-92-9

EU-number: 201-069-1

## **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

**Inhalation** - Move to fresh air. If symptoms persist, call a physician.

**Eye contact** – Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention if symptoms persist

**Skin contact** - Wash off immediately with plenty of water and soap

**Ingestion** - Rinse mouth with water, do not give anything to drink, do not induce vomiting. Immediately contact your doctor.

4.2 Most important symptoms and effects, both acute and delayed: irritating to the eyes

4.3 Indication of any immediate medical attention and special treatment needed

Medical assistance needed in case of ingestion and eye contact

Notes to Physician Treat symptomatically.

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

Suitable extinguishing media: Dry chemical, water spray.

Unsuitable Extinguishing Media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture CO,CO<sub>2</sub>,NO<sub>x</sub>,

5.3. Advice for fire-fighters

Special protective equipment for fire-fighters appropriate protective clothing and the ambient air-independent breathing apparatus

## **SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes

6.2. Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3. Methods and material for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) with care to pre-prepared and labeled containers.

6.4. Reference to other sections: See also Chapter 7, 8 and 13 sections.

## **SECTION 7: Handling and storage**

7.1. Precautions for safe handling

Direct contact with the product, in contact with skin, eyes and accidental ingestion, inhalation of spray mist should be avoided. Do not mix with any other chemicals.

7.2. Conditions for safe storage, including any incompatibilities

Store in original containers, under cover, cool, dry place at a temperature not exceeding 45 ° C.

Protect from direct sunlight Do not store together with foodstuffs.

Keep out of reach of children!

7.3. Specific end use(s): hand dishwashing detergent

## **SECTION 8: Exposure controls/personal protection**

### **8.1. control parameters**

#### **Occupational exposure limits:**

**Dipropylene glycol monomethyl ether** : AK; CK: 308 mg/m<sup>3</sup>

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

#### **DNEL/DERIVED NO EFFECT LEVEL:**

DNEL (long-term / inhalation, systemic effects): 308 mg/cm<sup>3</sup>

DNEL (long-term dermal exposure, systemic effects): 283 mg/kg/day

DNEL (long-term oral exposure, systemic effects): 36 mg/kg/day

#### **PNEC: PREDICTED NO EFFECT CONCENTRATION**

**Citric acid:** freshwater: 0.44 mg / l;

freshwater sediment: 3,46 mg / l

sea water: 0.044 mg / l

soil: 33,1 mg / kg

### **8.2 Personal protection**

#### **Technical measures:**

Ensure that the usual protective measures of handling chemicals are kept.

Ensure sufficient ventilation.

Provide appropriate personal protective equipments.

#### **Hygiene measures:**

Do not eat, drink or smoke while handling.

Wash hand thoroughly after handling.

#### **Personal protective equipments:**

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.

## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Appearance – fluid

Odour – characteristic of the product

Odor threshold - Not specified

pH – 3,0 ± 0,5

Melting point / freezing point - Not applicable  
Initial boiling point and boiling range - Not applicable  
Flash point - Not applicable  
Evaporation rate - Not applicable  
Solubility - Soluble in water  
Ignition temperature - Not applicable  
Decomposition temperature - Not specified  
Viscosity - Not applicable  
Oxidising properties - Not applicable under normal conditions of storage  
9.2 Other information - No additional information

## **SECTION 10: Stability and reactivity**

10.1. Reactivity - Not applicable  
10.2. Chemical stability - stable under normal conditions of pressure and temperature  
10.3. Possibility of hazardous reactions - not used and stored according to specifications.  
10.4. Conditions to avoid - Avoid direct sunlight and frost  
10.5. Incompatible materials - strong oxidizing agents, strong alkalis, chlorine-containing cleaning products  
10.6. Hazardous decomposition products - not known if used according to specifications, the product

## **SECTION 11: Toxicological information**

### **Product Information:**

Inhalation No known effect.  
Skin contact No known effect.  
Ingestion No known effect.  
Eye contact Irritating No known effect..

### **Delayed and immediate effects as well as chronic effects from short and long-term exposure:**

Acute toxicity No known effect.  
Skin corrosion/irritation No known effect.  
Serious eye damage/eye irritation Irritating to eyes.  
Skin sensitization No known effect.  
Respiratory sensitization No known effect.  
Germ cell mutagenicity No known effect.  
Neurological Effects No known effect.  
Reproductive toxicity No known effect.  
Developmental toxicity No known effect.  
Teratogenicity No known effect.  
STOT - single exposure No known effect.  
STOT - repeated exposure No known effect.  
Target Organ Effects No known effect.  
Aspiration hazard No known effect.  
Carcinogenicity No known effect.

## **SECTION 12: Ecological information**

12.1. Persistence and degradability - The surfactants contained in the mixture are consistent 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.

### **Dipropylene glycol monomethyl ether :**

LC50 (Fathead minnows, 96 h): 10000 mg / l

EC50 (Daphnia magna, 24 h): 1,919 mg / l

**Citric acid:** LC50 (Lepomis macrochirus, 96 h): 1516 mg / l,

EC50 (Daphnia magna, 24 h): 1535 mg /

12.2. Bioaccumulative - No data

12.3. Mobility in soil - No data

12.4. Results of PBT and vPvB - No data

12.5. Other adverse effects - no data

## **SECTION 13: Disposal considerations**

**Product disposal:** In accordance with local regulations.

**Packaging disposal:** In accordance with local regulations.

## **SECTION 14: Transport information**

14.1. UN Number - Not applicable

14.2. Proper shipping name - Not applicable

14.3. Class (es) Transport - Not applicable

14.4. Packing group - Not applicable

14.5. Environmental hazards - Not applicable

14.6. Special precautions for user - Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code - Not applicable

## **SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Regulation (EC) No 1272/2008 of the European Parliament and of the council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 Minister of Health Regulation of September 28, 2005 on list of hazardous substances, their classification and marking (Journal of Laws No. 201, item 1674, 2005); Minister of Health Regulation of September 2, 2003 on criteria and classification measures for chemical substances and preparations (Journal of Laws No. 171, item 1666, 2003); Minister of Economy Regulation of December 21, 2005 on basic requirements for individual protection measures (Journal

of Laws No. 259, item 2175, 2005); Hazardous Products Transport Act of October 28, 2002 (Journal of Laws No. 199, item 1671, 2002); Minister of Health Regulation of September 2, 2003 on marking requirements for containers with hazardous substances and preparations (Journal of Laws No. 173, item 1679, 2003)

Composition and microbiological purity must conform to valid directives of EU.

Neither the ingredients nor the preparation classify as “Dangerous” by the criteria of European Community Directive 93/21/EEC which sets out a revised Annex VI to the Dangerous Substances Directive 67/548.EEC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union L 396, 30.12.2006)

Communication of the Commission concerning the date of mandatory application of the updated inventory and common nomenclature of ingredients employed in cosmetic products (Official Journal of the European Union C 10, 16.01.2007)

Commission Regulation (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII thereto ( Official Journal of the European Union, L 168 z 21.06.2006 r.)

## **SECTION 16: Other information**

### **Explanations used for the hazard**

**Eye Irrit.2** Eye irritation, category 2

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

H319 Causes serious eye irritation.

Sources Material Safety Data Sheet has been prepared based on information contained in the Safety Data Sheets of raw materials used and literature data.

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