

MATERIAL SAFETY DATA SHEET

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

1.1 Product name: **Fine Metal Cleaner**

1.2 Application: Clean contaminated surfaces

1.3 Producer and distributor identification

Well Done St. Moritz Kft.

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E-mail: welldone@welldone.eu

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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 a hazardous preparation / mixture.

2.2. Label elements

Eye Irrit. 2, H319

Hazard pictograms: GHS07

WARNING



The mixture dangers / risks of warning H-phrase

H319 Causes serious eye irritation.

EUH208 Contains LIMONENE, METHYLCHLOROISOTHIAZOLINONE-and METHYLISOTHIAZOLINONE. May produce an allergic reaction.

Precautionary Statements

P102 Keep out of reach of children.

P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes.

Remove contact lenses if present and easy to do. Continue rinsing.

Hazard determining components: alcohol (C12-C15) -etoxilált

Ingredients: <5% nonionic surfactant. It contains preservatives (METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE) and fragrance (LIMONENE).

SECTION 3: Composition/information on ingredients

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

| | | |
|------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| alcohol (C12-C15) -etoxilált CAS-number: 68131-39-5 EU-number: 500-195-7 | 1-< 3% | Acute Tox. 4 (oral);H302 Eye Dam. 1; H318, |
| ethanol CAS-number: 64-17-5 EU-number: 200-578-6 Index- number: 603-002-00-5 | 1-<5% | Flam.Liq.; H225 |
| Limonene CAS-number: 138-86-3 EU-number: 205-341-0 Index- number: 601-029-00-7 | <0,5% | Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1, H400, Aquatic Chronic 1, H410, |

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: no data available.

5.2. Special hazards arising from the substance or mixture CO,CO₂,NO_x,

5.3. Advice for fire-fighters

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

Other information: non-flammable ethyl alcohol content of the product is less than 5%.

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): detergent

SECTION 8: Exposure controls/personal protection

Occupational Exposure Limits:

Ethanol : AK¹: 1900 mg/m³, CK²: 7600 mg/m³

Calcium carbonate: AK : 10 mg/ m³

Inert dust: 10 mg / m³ (total inhalable); respirable: 6 mg / m³

DNEL/DERIVED NO EFFECT LEVEL:

Ethanol CAS- No: 64-17-5

DNEL (long-term / inhalation, systemic effects): 1900 mg/cm³

DNEL (long-term dermal exposure, systemic effects): 206-343 mg/kg/day

DNEL (long-term oral exposure, systemic effects): 87 mg/kg/day

¹ AK: Average concentration of a substance in the workplace air of one shift permissible arithmetic mean concentration that does not have a deleterious effect on the health of workers.

² CK: Maximum concentration maximum allowable pollution within a short period of time shift.

PNEC: PREDICTED NO EFFECT CONCENTRATION

ethanol :

PNEC (freshwater): 0,96 mg / l;

PNEC (freshwater sediments) 3,6 mg / kg;

PNEC (sea water): 0,79 mg / l;

PNEC (STP): 0,63 mg / kg

8.1 General advice

Avoid contact with skin and eyes. After contact with skin, wash with plenty of soap-suds. When using, do not eat and drink. When using do not smoke. Keep locked up. Keep out of the reach of children. Keep away from food and drink. If swallowed, seek medical advice immediately and show the container or label.

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: not necessary

Eye protection: not necessary

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 – 7,5 ± 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

11.1. Information on toxicological effects: the medicine toxicology studies have been performed, considers only data on ingredients, they are carried out in accordance with the provisions of the CLP Regulation is based on the classification and concentration. The ethyl alcohol and limonene (LIMONENE) has harmonized EU classification. According to the conditions noted concentrations (EUH208) that the product contains limonene skin sensitization, allergic individuals may cause allergic reactions. The product szemirritálónak (Eye Irrit. 2) is classified as harmful to the eyes ingredient contains greater than 1% concentration.

alcohols (C12-15) -etoxilált, data on the components the current manufacturer's safety data sheet data:

LD50 (rat, oral) 1700 mg / kg

LD50 (rat, dermal): > 2000 mg / kg

LC50 (rat, oral): 1.5 to 20.7 mg / l / 4 h

Highly irritating to the eyes, eye damage could result. Non-sensitizing.

Non-mutagenic, non-carcinogenic.

NOAEL (oral, sub-acute, 28-day, OECD 407): 471-502 mg / kg / day

NOAEL (dermal, subchronic 90-day OECD 411): 80 mg / kg / day

NOAEL (oral, sub-chronic): 102 mg / kg / damage to the liver

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.

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 Dam.1 Eye damage, category 1

Skin Irrit. 2 Skin Irritation category 2

Acute Tox.4 Acute toxicity category 4

Flam Liq.2/3 flammable liquid category 2/3

Aquatic Chronic 1 The aquatic environment is dangerous, chronic. category 1

Aquatic Acute 1 The aquatic environment is dangerous, acute. category 1

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

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Skin irritation

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

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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