

MATERIAL SAFETY DATA SHEET

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

1.1 Product name: **DISHWASHING LIQUID - GREEN APPLE**

1.2 Application: detergent for hand dishwashing

1.3 Producer and distributor identification

Well Done St. Moritz Kft.

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

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.

Precautionary Statements

P102 Keep out of reach of children.

P103 Read label before use.

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

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

P301+P330+P331+P311 IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician.

Hazard determining components: Sodium Alkyl (C12-14) ether sulfate,
Sodium 4-sec-Alkyl (C10-13) sulfonate

Ingredients: 5-15% of an anionic surfactant, <5% nonionic surfactant anyag. Parfum and preservative (METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE)

SECTION 3: Composition/information on ingredients

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

Sodium Alkyl (C12-14)

ether sulfate	< 3%	Skin Irrit. 2, H315;
CAS-number: 68891-38-3		Eye Dam. 1; H318,
EU-number: 500-234-8		Aquatic Chronic 3, H 412

Sodium 4-sec-Alkyl

(C10-13) sulfonate	< 6%	Acute Tox. 4 (oral, dermal),
CAS-number: 25155-30-0		H302, H312; Eye Irrit. 2, H319,
EU-number: 246-680-4		

C8-18 (even-number carbon atoms, C18-unsaturated N, N-bis (hydroxyethyl) amides	< 1%	Skin Irrit. 2, H315
CAS-number: -		Eye Dam. 1; H318
EU-number: 931-329-6		Aquatic Chronic 2, H411

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,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

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

DNEL/DERIVED NO EFFECT LEVEL:

Sodium Alkyl (C₁₂₋₁₄) ether sulfate CAS- No: 68891-38-3

DNEL (long-term / inhalation, systemic effects): 52 - 175 mg/cm³

DNEL (long-term dermal exposure, systemic effects): 1650 -2750 mg/kg/day

DNEL (long-term oral exposure, systemic effects): 15 mg/kg/day

C₈₋₁₈ (even-number carbon atoms, C₁₈-unsaturated N, N-bis (hydroxyethyl) amides

DNEL (long-term / inhalation, systemic effects): 21,73-73,4 mg/cm³

DNEL (long-term dermal exposure, systemic effects): 2,5-4,16 mg/kg/day

DNEL (long-term oral exposure, systemic effects): 6,25mg/kg/day

NOAEL: No Observable Adverse Effect Level:

Sodium 4-sec-Alkyl (C10-13) sulfonate: NOAEL (oral, rat): 125 mg / kg / day

C8-18 (even-number carbon atoms, C18-unsaturated N, N-bis (hydroxyethyl) amides

NOAEL (oral, rat, subacute 28 days) > 750 mg / kg / day;

NOAEL (oral, rat, subchronic, 90 days): 50 mg / kg / day;

PNEC: PREDICTED NO EFFECT CONCENTRATION

Sodium Alkyl (C12-14) ether sulfate PNEC (freshwater): 0.24 mg / l;

PNEC (freshwater sediment): 5.45 mg / kg

PNEC (sea water): 0.024 mg / l

PNEC (STP): 10 g / l

PNEC (ground): 0.946 mg / kg

C8-18 (even-number carbon atoms, C18-unsaturated N, N-bis (hydroxyethyl) amides

PNEC (freshwater): 2.4 mg / l;

PNEC (freshwater sediments) 14.5 mg / kg;

PNEC (STP): 830 mg / l;

PNEC (soil): 6.48 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: 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 – 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

Product Information:

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

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

Sodium Alkyl (C12-14) ether sulfate: LC50 (Fish, 96 hours): 7.1 mg / l
EC50 (Daphnia magna, 48 h): 7.4 mg / l
IC50 (algae, 72 hours): 27.7 mg / l;
NOEC (algae, 72 hours): 0.95 mg / l

Sodium 4-sec-Alkyl (C10-13) sulfonate: LC50 (Fish, 96 hours): 1 to 10 mg / l
EC50 (Daphnia magna, 48 hours): 2.9 mg / l
IC50 (algae, 7 days): 20 mg / l

C8-18 (even-number carbon atoms, C18-unsaturated N, N-bis (hydroxyethyl) amides

LC50 (Fish, 96 hours): 2.4 mg / l
EC50 (Daphnia magna, 48 h): 3.2 mg / l
IC50 (algae, 72 hours): 18.6 mg / l
NOEC (Daphnia magna, 21 days): 0.07 mg / l; NOEC (fish, 28 days) 0.32 mg / l

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

Skin Irrit. 2 Skin Irritation category 2

Acute Tox.4 Acute toxicity category 4

Eye Dam.2 Eye damage category 2

Aquatic Chronic 3 The aquatic environment is dangerous, long-term threat. category 3

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

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Skin irritation

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful 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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