

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME **OVEN CLEANER FOAM**

APPLICATION Oven Cleaner Foam.

DISTRIBUTOR: Well Done Kft. 2900 Komárom, Mártírok u. 92.

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2. HAZARDS IDENTIFICATION

2.1. PRODUCT CLASSIFICATION

The product is dangerous mix.

2.2. LABEL ELEMENTS

Flam. Aerosol 1, H222

Hazard pictograms: GHS02

DANGER



The mixture dangers / risks of warning H-phrase

H222 Extremely flammable aerosol.

Precautionary Statements

P102 Keep out of reach of children

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Pressurized container: Do not pierce or burn, even after 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.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

Hazard determining components: petroleum lpg

Shake well before use! Refilling is forbidden!

Ingredients: 15-30% aliphatic hydrocarbon compounds, <5% non-ionic surfactant, <5% phosphates. It contains a fragrance (limonene LINALOOL). It contains preservatives (METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE).

2.3. OTHER INFORMATION

Physical and chemical hazards

Aerosol containers can explode when heated, due to excessive pressure build-up. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

Human health

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

EC No.	Name	CAS-No.	Content %	Classification
270-705-8	PETROLEUMLPG/ GASES, LIQUEFIED, SWEETENED; PETROLEUM GAS *	68476 -86-8	10-20%	Press. Gas, Flam. Gas 1 H220

500-220-1	ALKYL POLYGLUCOSIDE	68515-73-1	< 2%	Eye Dam. 1, H318
200-661-7	ISOPROPYL ALCOHOL	67-63-0	< 2%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
203-961-6	2- (2-BUTOXYETHOXY) ETHANOL	112-34-5	<1%	Eye Irrit. 2, H319
205-483-3	2-AMINOETHANOL	141-43-5	< 1%	Acute Tox.4 oral,dermal,inhal.) H302, H312, H332 Skin Corr. 1B, H314

The Full Text for all H-Phrases is Displayed in Section 16

*The classifications of this chemical raw material has been carried out by the manufacturer/supplier.

4. FIRST-AID MEASURES

4.1.GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion Not relevant

Skin contact

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

inhalation of large quantities dizziness, swallowing, nausea and vomiting may occur.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Medical assistance needed in case of ingestion.

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

The product is flammable, fire due to flammable gases in the product carrier explosive mixture with air can form.

Explosion limits in air: Propane: lower: 2.1 vol% top: 9.5 vol%;

Butane: lower: 1.8 vol% top: 8.4 vol%

5.1.EXTINGUISHING MEDIA

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

5.2.SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours. Avoid breathing fire vapours. Be aware of risk of fire re-starting, and risk of explosion.

5.3.SPECIFIC HAZARDS

Aerosol containers can explode when heated, due to excessive pressure build-up.

5.4.PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus and full protective clothing should be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

6.1.PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Do not smoke, use open fire or other sources of ignition. Avoid inhalation of spray mist and contact with skin and eyes. Provide adequate ventilation.

6.2.ENVIRONMENTAL PRECAUTIONS

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

6.3.SPILL CLEAN UP METHODS

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

6.4. REFERENCE TO OTHER SECTIONS

For waste disposal, see section 8 ; 11; 13.

7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Eliminate all sources of ignition. Do not eat, drink or smoke when using the product. Avoid forming spray/aerosol mists. Provide good ventilation. Observe occupational exposure limits and minimise the risk of inhalation of vapours and mist. Protect against direct sunlight.

7.2. CONDITIONS FOR SAFE STORAGE

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Keep away from heat, sparks and open flame. Keep away from food, drink and animal feeding stuffs. Protect against physical damage and/or friction. Protect from light, including direct sunrays. Do not store near heat sources or expose to high temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. WORKPLACE EXPOSURE LIMITS

petroleumlpg/ gases, liquefied, sweetened; petroleum gas TWA - 8 Hrs : 1000 ppm
STEL - 15 Min : 1000 ppm

Isopropyl alcohol TWA 500 mg/ m³ , STEL 2000 mg/ m³
2- (2-butoxyethoxy) ethanol TWA 67,5mg/ m³ , STEL 101,2 mg/ m³
2-aminoethanol TWA 3 ppm , STEL 6 ppm

DERIVED NO EFFECT LEVEL:

DNEL (2-aminoethanol, long-term inhalation, topical effect): 3.3 mg / m³
DNEL (2- (2-butoxyethoxy) ethanol, long-term inhalation, topical effect, a systemic effect): 67.5 mg / m³

Isopropyl alcohol
DNEL (inhalation exposure, long-term, systemic effects): 89 mg / kg
DNEL (dermal, long-term, systemic effects): 319 mg / kg
DNEL (oral exposure, long-term, systemic effects): 26 mg / kg

Alkyl polyglucoside
DNEL (inhalation exposure, long-term, systemic effects): W124 mg / m³
DNEL (dermal, long-term, systemic effects): 35 700 mg / kg
DNEL (oral exposure, long-term, systemic effects): 35.7 mg / kg

8.2.EXPOSURE CONTROLS

Technical measures: not necessary

Personal protective equipments:

Respiratory equipment: No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection : Use protective gloves.

Eye protection :Use eye protection.

Hygiene measures: DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol.
COLOUR	Unspecified
ODOUR	Perfume
BOILING POINT	<35°C
FLASH POINT	<21°C
pH	8,5-9,5
DENSITY	1,01-1,012 g/cm ³

10. STABILITY AND REACTIVITY

10.1.STABILITY

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

10.2.CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

10.3.INCOMPATIBLE MATERIALS

Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids. Flammable/combustible material.

10.4. HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

According to the manufacturer the product does not present a human health risk when properly, correctly used, stored, disposed of.

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.

11.2. PRODUCT INFORMATION:

Inhalation : May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

Skin contact : In case of prolonged contact irritating

Eye contact : Irritating

12. ECOLOGICAL INFORMATION

12.1. ECOTOXICITY :

Isopropyl alcohol: LC50 (fish, 96 h): 9640-11 30 mg / l

EC50 (Daphnia magna, 48 h): 13 299 mg / l

IC50 (Desmodesmus subspicatus, 72 h): > 1000 mg / l

2-aminoethanol: LC50 (Cyprinus carpio, 96 h): 349 mg / l;

EC50 (Daphnia magna, 48 h): 65 mg / l;

IC50 (Selenastrum capricornutum, 72 h): 2.5 mg / l;

Alkyl polyglucoside: LC50 (fish 96 h) > 100 mg / l

EC50 (Daphnia magna, 48 h) > 100 mg / l;

IC50 (algae, 72 h): 10 - 100 mg / l;

12.2. BIOACCUMULATION : 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

13. DISPOSAL CONSIDERATIONS

When handling waste, consideration should be made to the safety precautions applying to handling of the product. Do not puncture or incinerate even when empty. Dispose of waste and residues in accordance with local authority requirements. Environmental manager must be informed of all major spillages. Contact supplier for disposal information. Make sure containers are empty before discarding (explosion risk).

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME AEROSOLS

UN NO. ROAD 1950

ADR CLASS NO. 2.1

ADR CLASS Class 2: Gases

TUNNEL RESTRICTION CODE 2 (D)

ADR LABEL NO. 2.1

UN NO. SEA 1950

IMDG CLASS 2.1

EMS F-D, S-U
UN NO. AIR 1950
AIR CLASS 2.1

15 REGULATORY INFORMATION

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 z21.06.2006 r.)

16 OTHER INFORMATION

EXPLANATIONS USED FOR THE HAZARD

Press Gas 1: Gas under pressure , category 1

Flam. Gas 1: Flammable gas, category 1

Eye Irrit.2: Eye irritation, category 2

Skin Irrit.2: Skin irritation, category 2

Eye Dam.:1: Eye-damaging effect, category 1

Aquatic Acute 4: hazardous to the aquatic environment, acute threat. category 4

Flam liq.2 : flammable liquids, category 2

STOT SE 3: organ toxicity, single exposure, category 3

Skin Corr. 1B: Skin corrosion, category 1

H PHRASES (INDICATIONS OF DANGER) USED IN STEP 3 SAFETY DATA SHEET:

H224 Extremely flammable liquid and vapour.

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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