

Date of issue: 03/01/2017	Trade name:	Page: 1/8
Reviewed on:	EASY FOAM CLEANER	Version: 1.0

1. Section 1. Identification of the substance/mixture and of the company/undertaking:

- 1.1. Product identifier:
Trade name: **EASY FOAM CLEANER**
Product code: **1 20001**
- 1.2. Relevant identified uses of the substance or mixture and uses advised against:
Uses of the mixture: Cleaning foam.
For professional and industrial use only.
Uses advised against: Not known.
- 1.3. Details of the supplier of the safety data sheet:
Identification of manufacturer/Supplier:
RETECH, s.r.o.
Vackova 1541/4
150 00 Praha 5 - Stodůlky
Telephone number/Fax: +420 327 596 128, +420 327 596 428
E-mail: info@retech.cz
- 1.4. Emergency telephone number: RETECH, Suchdol 212, 285 02 Suchdol u Kutné Hory, Czech Republic
Telephone number: +420 327 596 128 (7.30-16.00 hour)
Toxicologické informační středisko (Toxicology information centre),
Na bojišti 1, 128 08 PRAHA 2, Czech Republic
Telephone number: +420 224 919 293, +420 224 915 402 (24 hours a day)

2. Section 2. Hazard identification:

- 2.1. Classification of the substance or mixture:
Classification according to Regulation (EC) No 1272/2008 [CLP]:
Aerosol 1 H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
Eye Irrit. 2 H319 Causes serious eye irritation.

- 2.2. Label elements:
Labelling according to Regulation (EC) No 1272/2008 [CLP]:



Signal Word: Danger

Hazard Statements:
H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H319 Causes serious eye irritation.

Precautionary Statements:
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P260 Do not breathe spray.
P280 Wear eye protection/face protection.
P337+P313 If eye irritation persists: Get medical advice/attention.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251 Do not pierce or burn, even after use.
P211 Do not spray on an open flame or other ignition source.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container in accordance with national regulation.

Regulation (EC) No 648/2004:
aliphatic hydrocarbons 5 - 15 %

Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 03/01/2017	Trade name:	Page: 2/8
Reviewed on:	EASY FOAM CLEANER	Version: 1.0

- 2.3. Other hazards:
Results of PBT and vPvB assessment:
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

3. Section 3. Composition/information on ingredients:

- 3.2. Mixtures:
Description of the mixture: Mixture of active ingredients with propellants

Hazardous ingredients:

CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25	Propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	12.5 - 20 %
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21	Propane Flam. Gas 1, H220; Press. Gas, H280	2.5 - 5 %
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32	Butane (contents < 0.1 % butadiene) Flam. Gas 1, H220; Press. Gas, H280	2.5 - 5 %
CAS: 75-28-5 EINECS: 200-857-2	Isobutane (contents < 0.1 % butadiene) Flam. Gas 1, H220; Press. Gas, H280	2.5 - 5 %
CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35	1-Methoxypropan-2-ol Flam. Liq. 3, H226; STOT SE 3, H336	1 - 2.5 %
CAS: 1336-21-6 EINECS: 215-647-6	Ammonia, 25 % aqueous solution* Skin Corr. 1B, H314; Aquatic Acute 1, H400	0.1 - 1 %

*Specific concentration limit: STOT SE 3; H335: C ≥ 5%

For full text of H-statements: see SECTION 16

Regulation (EC) No 648/2004 on detergents:
aliphatic hydrocarbons 5 - 15 %

4. Section 4. First aid measures:

- 4.1. Description of first aid measures:
General notes: When in doubt or if symptoms are observed, get medical advice.
After inhalation: Move affected person to fresh air.
Get medical attention if any discomfort continues.
After skin contact: Wash immediately with plenty of water and soap and rinse thoroughly.
Generally the product does not irritate the skin.
After eye contact: Rinse opened eye for several minutes under running water.
Remove contact lenses, if present and easy to do. Continue rinsing.
Get medical attention if any discomfort continues.
After swallowing: Rinse mouth immediately and drink large quantities of water.
Immediately call a doctor.
- 4.2. Most important symptoms and effects, both acute and delayed:
No further relevant information available.
- 4.3. Indication of any immediate medical attention and special treatment needed:
No further relevant information available.

5. Section 5. Fire fighting measures:

- 5.1. Extinguishing media:
Suitable extinguishing agents: Carbon dioxide (CO₂), extinguishing powder or water spray.
Fight larger fires with water spray or alcohol resistant foam.
Unsuitable extinguishing agents: Water jet.

Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 03/01/2017	Trade name:	Page: 4/8
Reviewed on:	EASY FOAM CLEANER	Version: 1.0

OEL (EU): 2000/39/EG, 2006/15/EG, 2009/161/EG

CAS	Name of agent	Eight hours		Short-term		Notation
		ppm	mg/m ³	ppm	mg/m ³	
107-98-2	1-Methoxypropanol-2	100	375	150	568	Skin

Additional information: The lists that were valid during the compilation were as basis.

8.2. Exposure controls:

Technical measures to prevent exposure:

Ensure good ventilation/exhaustion at the workplace.

General protective measures: Wash hands before breaks and at the end of work.

Do not inhale vapours/spray.

Personal protection equipment:

Respiratory protection: Respiratory protection usually not required with adequate ventilation.

Eye protection: Not required.

Hand protection: Protective gloves

The glove material must be impermeable and resistant against the product/substance/preparation.

The final selection of the glove material must be carried out on the basis of penetration times, permeation rates and degradation.

Skin protection: Protective clothing.

9. Section 9. Physical and chemical properties:

9.1. Information on basic physical and chemical properties:

Form: Aerosol

Colour: Whitish

Odour: Characteristic

Odour threshold: Not determined.

Value pH at 20 °C: 10

Melting point/freezing point: Not determined.

Initial boiling point/boiling range: Not determined.

Flash point: < 0 °C

Evaporation rate: Not determined.

Flammability (solid, gas): Not determined.

Explosive properties: The product is not explosive. However, formation of explosive air/steam mixtures is possible.

Explosive limits:

– lower: 2.0 Vol %

– upper: 12.0 Vol %

Vapour pressure at 20°C: 3500 hPa

Vapour density at 20 °C: Not determined.

Density at 20°C: 0.894 g/cm³

Relative density: Not determined.

Solubility in/miscibility: Water: Not miscible or difficult to mix.

Partition coefficient (n-octanol/water): Not determined.

Ignition temperature: 425 °C

Decomposition temperature: Not determined.

Self-ignition temperature: The product is not selfigniting.

Viscosity: Not determined.

Oxidising properties: Not determined.

9.2. Other information:

VOC (EU): 677.1 g/l

Organic solvent: 25.4 %

Water: 74.4 %

Solid content: 0.1 %

Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 03/01/2017	Trade name:	Page: 5/8
Reviewed on:	EASY FOAM CLEANER	Version: 1.0

10. Section 10. Stability and reactivity:

- 10.1. Reactivity: No further relevant information available.
 10.2. Chemical stability: No decomposition if used according to specifications.
 10.3. Possibility of hazardous reactions:
 No dangerous reactions known.
 10.4. Conditions to avoid: No further relevant information available.
 10.5. Incompatible materials: No further relevant information available.
 10.6. Hazardous decomposition products:
 No dangerous decomposition products known.

11. Section 11. Toxicological information:

11.1. Information on toxicological effects:

Acute toxicity: Based on available data, the classification criteria are not met.

Relevant hazards for substance:

67-63-0 Propan-2-ol

Oral	LD50	rat	5045 mg/kg
Dermal	LD50	rabbit	12800 mg/kg
Inhalative	LC50/4h	rat	30 mg/m ³

106-97-8 Butane

Inhalative	LC50/4h	rat	658000 mg/m ³
------------	---------	-----	--------------------------

107-98-2 1-Methoxypropan-2-ol

Oral	LD50	rat	5660 mg/kg
Dermal	LD50	rabbit	13000 mg/kg
Inhalative	LC50/4h	rat	55 mg/m ³

1336-21-6 Ammonia, 25 % aqueous solution

Oral	LD50	rat	350 mg/kg
Inhalative	LC50/4h	rat	5.1 mg/m ³

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization:

Based on available data, the classification criteria are not met.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Other information:

No further relevant information available.

12. Section 12. Ecological information:

12.1. Toxicity:

Aquatic toxicity: No further relevant information available.

67-63-0 Propan-2-ol

Ryby:	LC50/96 h		4200 mg/l
Bezobratlí:	EC50/48 h	Daphnia magna	13299 mg/l

107-98-2 1-Methoxypropan-2-ol

Ryby:	LC50/96 h	Leuciscus idus	4600 - 10000 mg/l
Jiné organizmy:	EC50	Activated sludge	> 1000 mg/l

1336-21-6 Ammonia, 25 % aqueous solution

Bezobratlí:	LC50	Daphnia magna	25.4 mg/l
-------------	------	---------------	-----------

12.2. Persistence and degradability: No further relevant information available.

12.3. Bioaccumulative potential: No further relevant information available.

12.4. Mobility in soil: No further relevant information available.

Additional ecological information:

Ecotoxic effects:

Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 03/01/2017	Trade name:	Page: 6/8
Reviewed on:	EASY FOAM CLEANER	Version: 1.0




General notes: Water danger class 1 (German Regulation, self-assessment):
slightly hazardous for water
Do not allow to enter water courses, ground water or drains in undiluted
and/or large quantities.

- 12.5. Results of PBT and vPvB assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
- 12.6. Other adverse effects: No further relevant information available.

13. Section 13. Disposal considerations:

- 13.1. Waste treatment methods:
- Product disposal: Transfer to a suitable container and arrange for collection by specialised disposal company.
Must not be disposed together with household garbage.
Do not allow product to reach sewage system.
Dispose of untreated material or waste in landfill or by incineration.
European Waste Catalogue:
16 03 05* organic wastes containing hazardous substances
(*hazardous waste)
- Packagings disposal: Dispose of uncleaned packagings in landfill or by incineration.
Disposal must be made according to official regulations.
European Waste Catalogue:
15 01 11* metallic packaging containing a hazardous solid porous matrix
(for example asbestos), including empty pressure containers
(*hazardous waste)
Uncontaminated packaging can be recycled.
- Other disposal recommendations: Disposal must be made according to official regulations.
The final decisions on the appropriate waste management method, in line with regional, national and European legislation, and possible adaptation to local conditions, remains the responsibility of the waste treatment operator.

14. Section 14. Transport information:

- 14.1. UN number:
ADR, IMDG, IATA UN 1950
- 14.2. UN proper shipping name:
ADR UN 1950 AEROSOLS
IMDG AEROSOLS
IATA AEROSOLS, flammable
- 14.3. Transport hazard class(es):
ADR
- 
- Class 2.5F Gases
Hazard label 2.1
IMDG
- 
- Class 2.1
Hazard label 2.1
IATA
- 
- Class 2.1
Hazard label 2.1
- 14.4. Packing group:
ADR, IMDG, IATA Void.

Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 03/01/2017	Trade name:	Page: 7/8
Reviewed on:	EASY FOAM CLEANER	Version: 1.0

- 14.5. Environmental hazards:
 Marine pollutant: No
- 14.6. Special precautions for user: Warning: Gases
 EMS Number: F-D, S-U
 Danger Code (Kemler): -
 Segregation group: Alkalis
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:
 Not applicable
- ADR
 Limited quantities (LQ) 1L
 Transport category 2
 Tunnel restriction code: D
 UN "Model Regulation": UN 1950 AEROSOLS, 2.1

15. Section 15. Regulatory information:

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

Used legislation:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals, as amended (REACH)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, as amended (CLP)

Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, as amended
 Commission Decision 2000/532/EC establishing a list of wastes, as amended

Council Directive 89/686/EEC on the approximation of the laws of the Member States relating to personal protective equipment, as amended

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended

Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

Commission Directive 2006/15/EC establishing a second list of indicative occupational exposure limit values

Commission Directive 2009/161/EU establishing a third list of indicative occupational exposure limit values

Directive 2004/42/CE of the European Parliament and of the Council on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC, as amended

- 15.2. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Section 16. Other information:

Relevant H-statements (Section 3):

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

EC50: Median effective concentration to 50% of a population

EINECS: European Inventory of Existing Commercial Chemical Substances

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

LC50: Median concentration lethal to 50 % of a test population

Safety Data Sheet

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council

Date of issue: 03/01/2017	Trade name:	Page: 8/8
Reviewed on:	EASY FOAM CLEANER	Version: 1.0

LD50: Median dose lethal to 50 % of a test population
OEL: Occupational Exposure Limit
PBT: Persistent, Bioaccumulative, Toxic
Reg.nr.: Registration number
VOC: Volatile Organic Compounds
vPvB: Very Persistent, Very Bioaccumulative
WEL: Workplace exposure limits
Aerosol 1: Flammable aerosol, category 1
Aquatic Acute 1: Hazardous to the aquatic environment, category 1
Eye Irrit. 2: Serious eye irritation, category 2
Flam. Gas 1: Flammable gas, category 1
Flam. Liq. 2: Flammable liquid, category 2
Flam. Liq. 3: Flammable liquid, category 3
Press. Gas: Gases under pressure
Skin Corr. 1: Skin corrosion, category 1
STOT SE 3: Specific target organ toxicity — single exposure, category 3

The information contained herein is based on our best knowledge and the present legislation. Further, the Safety Data Sheet has been elaborated on the basis of the original Safety Data Sheet provided by the manufacturer. These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

***Compared to the last version the data has been changed.**