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Reviewed on:	UPHOLSTERY CLEANER	Version: 1.0

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

- 1.1. Product identifier:
Trade name: **UPHOLSTERY CLEANER**
Product code: **1 35470 (1L); 1 35255 (5L)**
- 1.2. Relevant identified uses of the substance or mixture and uses advised against:
Uses of the mixture: Water-based cleaner.
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)
Toxikologické 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]:
This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008.
- 2.2. Label elements:
Labelling according to Regulation (EC) No 1272/2008 [CLP]:
Signal Word: void.
Hazard Statements: void.
Precautionary Statements: void.

Supplemental Hazard information (EU):
EUH210 Safety data sheet available on request.

Regulation (EC) No 648/2004:
amphoteric surfactants; non-ionic surfactants; phosphates; optical brighteners; parfum < 5 %
- 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

Hazardous ingredients:

CAS: 61789-40-0 EINECS: 263-058-8	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts Eye Irrit. 2, H319	1 - 5 %
CAS: 51981-21-6 EINECS: 257-573-7	Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate Eye Irrit. 2, H319; Skin Irrit. 2, H315	1 - 5 %
CAS: 68131-39-5 EINECS: 500-195-7	Alcohols, C12-15, ethoxylated (1< mol EO <2.5) Acute Tox. 4, H302; Eye Dam. 1, H318; Aquatic Acute 1, H400	1 - 5 %

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CAS: 7320-34-5	Tetrapotassium-pyrophosphate	1 - 5 %
EINECS: 230-785-7	Eye Irrit. 2, H319	

For full text of H-statements: see SECTION 16

Regulation (EC) No 648/2004 on Detergents:

amphoteric surfactants;

non-ionic surfactants;

phosphates;

optical brighteners;

parfum

< 5 %

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.
 After skin contact: Wash immediately with plenty of water and soap and rinse thoroughly.
 Get medical attention if any discomfort continues.
 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 with plenty of water.
 Do not induce vomiting.
 Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed:

After skin contact: Prolonged contact may cause redness and irritation.
 After eye contact: Irritating to eyes and mucous membranes.
 After swallowing: May cause nausea if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed:

Symptomatic treatment.

5. Section 5. Fire fighting measures:

5.1. Extinguishing media:

Suitable extinguishing agents: This product is non-flammable.
 Unsuitable extinguishing agents: No further relevant information available.

5.2. Special hazards arising from the substance or mixture:

In case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO₂).

5.3. Advice for firefighters:

Wear protective clothing and self-contained breathing apparatus.

6. Section 6. Accidental release measures:

6.1. Personal precautions, protective equipment and emergency procedures:

Wear protective equipment, see Section 8.
 Avoid contact with skin and eyes.

6.2. Environmental precautions:

Do not allow to enter water and soil.

6.3. Methods and material for containment and cleaning up:

Collect with inert, wet, non-flammable material.

Dispose contaminated material as waste according to Section 13.

6.4. Reference to other sections:

See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7. Section 7. Handling and storage:

7.1. Precautions for safe handling:

Protective measures: Wear protective equipment, see Section 8.
 Avoid spilling.

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Avoid contact with skin and eyes.

Measures to prevent fire: This product is non-flammable.

7.2. Conditions for safe storage, including any incompatibilities:

Requirements for storage rooms and vessels:

Store in a cool, dry, well-ventilated place.

Technical measures and storage conditions:

Store in a cool, dry, well-ventilated place.

Further information on storage conditions:

No further relevant information available.

7.3. Specific end use(s):

No further relevant information available.

8. Section 8. Exposure controls/personal protection:

8.1. Control parameters:

Components with limit values that require monitoring at the workplace:

WEL (United Kingdom): EH40/2005

Contains no substances with occupational exposure limit values.

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

Contains no substances with occupational exposure limit values.

DNEL:

7320-34-5 Tetrapotassium-pyrophosphate

Inhalation	Chronic effects systemic	2.79 mg/m ³	Workers
	Chronic effects systemic	0.68 mg/m ³	Consumers

61789-40-0 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts

Inhalation	Chronic effects systemic	44 mg/m ³	Workers
Dermal	Chronic effects systemic	12.5 mg/kg Body weight/day	Workers
	Chronic effects systemic	7.5 mg/kg Body weight/day	Consumers

68603-42-9 Amides, coco, N,N-bis(hydroxyethyl)

Inhalation	Chronic effects systemic	73.4 mg/m ³	Workers
	Chronic effects systemic	21.73 mg/m ³	Consumers
Dermal	Chronic effects systemic	4.16 mg/kg Body weight/day	Workers
	Chronic effects systemic	2.5 mg/kg Body weight/day	Consumers
	Chronic effects local	0.09 mg/m ³	Workers
	Chronic effects local	0.056 mg/m ³	Consumers
Oral	Chronic effects systemic	6.25 mg/kg Body weight/day	Consumers

PNEC:

7320-34-5 Tetrapotassium-pyrophosphate

Freshwater	0.05 mg/l
Marine water	0.005 mg/l

61789-40-0 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts

Freshwater	0.0135 mg/l
Marine water	0.00135 mg/l
Sewage treatment plant	300 mg/l
Sediment (freshwater)	1 mg/kg
Sediment (marine water)	0.1 mg/kg
Soil	0.8 mg/kg

68603-42-9 Amides, coco, N,N-bis(hydroxyethyl)

Freshwater	2.4 mg/l
Marine water	0.24 mg/l
Intermittent releases	24 mg/l
Sewage treatment plant	0.83 mg/l
Soil	6.48 mg/kg

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

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- 8.2. Exposure controls:
- Technical measures to prevent exposure:
No special measures are necessary.
- General protective measures: The usual precautionary measures should be adhered to general rules for handling chemicals.
Wash hands before breaks and at the end of work.
- Personal protection equipment:
- Respiratory protection: Respiratory protection usually not required with adequate ventilation.
- Eye protection: Wear approved chemical safety goggles where eye exposure is reasonably probable.
- Hand protection: For prolonged or repeated contact use gloves.
Recommended material of gloves: rubber, neoprene or PVC.
- Skin protection: Not required.

9. Section 9. Physical and chemical properties:

- 9.1. Information on basic physical and chemical properties:
- Form: Liquid.
- Colour: Green.
- Odour: Perfume-like.
- 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: Not determined.
- Evaporation rate: Not determined.
- Flammability (solid, gas): Not determined.
- Explosive properties: Not determined.
- Explosive limits:
- lower: Not determined.
 - upper: Not determined.
- Vapour pressure at 20°C: Not determined.
- Vapour density at 20 °C: Not determined.
- Density at 20°C: Not determined.
- Relative density: 1.061
- Solubility in/miscibility: Water: soluble.
- Partition coefficient (n-octanol/water): Not determined.
- Ignition temperature: Not determined.
- Decomposition temperature: Not determined.
- Self-ignition temperature: Not determined.
- Viscosity: Not determined.
- Oxidising properties: Not determined.
- 9.2. Other information: No further relevant information available.

10. Section 10. Stability and reactivity:

- 10.1. Reactivity: There are no known reactivity hazards associated with this product.
- 10.2. Chemical stability: Stable at normal ambient temperatures and when used as recommended.
- 10.3. Possibility of hazardous reactions:
No dangerous reactions known.
- 10.4. Conditions to avoid: There are no known conditions that are likely to result in a hazardous situation.
- 10.5. Incompatible materials: No specific material or group of materials is likely to react with the product to produce a hazardous situation.
- 10.6. Hazardous decomposition products:
In case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO₂).

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<p>11. Section 11. Toxicological information:</p> <p>11.1. Information on toxicological effects:</p> <p>Acute toxicity: Based on available data, the classification criteria are not met.</p> <p>Skin corrosion/irritation: Based on available data, the classification criteria are not met.</p> <p>Serious eye damage/irritation: Based on available data, the classification criteria are not met.</p> <p>Respiratory or skin sensitization: Based on available data, the classification criteria are not met.</p> <p>Germ cell mutagenicity: Based on available data, the classification criteria are not met.</p> <p>Carcinogenicity: Based on available data, the classification criteria are not met.</p> <p>Reproductive toxicity: Based on available data, the classification criteria are not met.</p> <p>STOT-single exposure: Based on available data, the classification criteria are not met.</p> <p>STOT-repeated exposure: Based on available data, the classification criteria are not met.</p> <p>Aspiration hazard: Based on available data, the classification criteria are not met.</p> <p>Other information:</p> <p>After skin contact: Prolonged contact may cause redness and irritation.</p> <p>After eye contact: Irritating to eyes and mucous membranes.</p> <p>After swallowing: May cause nausea if swallowed.</p>		
<p>12. Section 12. Ecological information:</p> <p>12.1. Toxicity:</p> <p>Aquatic toxicity: No further relevant information available.</p> <p>12.2. Persistence and degradability: The product is expected to be biodegradable.</p> <p>12.3. Bioaccumulative potential: The product contains no substances considered to be bioaccumulative.</p> <p>12.4. Mobility in soil: Soluble in water.</p> <p>Additional ecological information:</p> <p>Ecotoxic effects:</p> <p>General notes: Not regarded as dangerous for the environment.</p> <p>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.</p> <p>12.6. Other adverse effects: No further relevant information available.</p>		
<p>13. Section 13. Disposal considerations:</p> <p>13.1. Waste treatment methods:</p> <p>Product disposal: Do not allow product to reach sewage system. Small quantities can be dissolved/diluted in water and flushed to drain. European Waste Catalogue: 16 03 04 inorganic wastes other than those mentioned in 16 03 03</p> <p>Packagings disposal: Disposal must be made according to official regulations. European Waste Catalogue: 15 01 02 plastic packaging</p> <p>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.</p>		
<p>14. Section 14. Transport information:</p> <p>14.1. UN number: ADR, IMDG, IATA This product does not require a classification for transport.</p> <p>14.2. UN proper shipping name: ADR, IMDG, IATA Not applicable.</p> <p>14.3. Transport hazard class(es): ADR, IMDG, IATA Class Not applicable. Hazard label Not applicable.</p>		

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- 14.4. Packing group:
ADR, IMDG, IATA Not applicable.
- 14.5. Environmental hazards:
Marine pollutant: No.
- 14.6. Special precautions for user: Not applicable.
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:
Not applicable

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):

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

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)

DNEL: Derived No-Effect Level

EINECS: European Inventory of Existing Commercial Chemical Substances

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

OEL: Occupational Exposure Limit

PBT: Persistent, Bioaccumulative, Toxic

PNEC: Predicted No-Effect Concentration

vPvB: Very Persistent, Very Bioaccumulative

WEL: Workplace exposure limits

Acute Tox. 4: Acute toxicity, category 4

Aquatic Acute 1: Hazardous to the aquatic environment, category 1

Eye Dam. 1: Serious eye damage, category 1

Eye Irrit. 2: Serious eye irritation, category 2

Skin Irrit. 2: Skin irritation, category 2

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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.**