



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

1.1 Product identifier

Trade name: Geschirrspülmittel

UFI: PR10-G0TE-X00N-25Y3

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance / the mixture Cleaning agent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Uni Sapon GmbH

Industriepark Runa

Albert-Schädler-Straße 7

A-6800 Feldkirch

T: +43 5522 23440

Email: office@uni-sapon.com

Further information obtainable from:

Marion Reichart

Email: marion@uni-sapon.com

1.4 Emergency telephone number:

+43 5522 23440

Available during office hours:

Mo - Th: 08.00 - 12.00 h und 13.30 - 16.30 h

Fr: 08.00 - 12.00 h

Call the national emergency number!

* SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2 H319 Causes serious eye irritation.

Additional information: For the wording of the hazard categories, see section 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07

Signal word Warning

Hazard statements

H319 Causes serious eye irritation.

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Trade name: Geschirrspülmittel

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Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P264 Wash hands thoroughly after handling.
- P280 Wear eye protection / face protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH208 Contains Orange, sweet, extr. (Orangeoil sweet). May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: No data available.

vPvB: No data available.

Determination of endocrine-disrupting properties

The product does not contain substances with endocrine-disrupting properties $\geq 0.1 \%$ (w/w).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16-XXXX	Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz Alternative CAS number: 9004-82-4 Eye Dam. 1, H318 Skin Irrit. 2, H315 Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: $C \geq 10 \%$ Eye Irrit. 2; H319: $5 \% \leq C < 10 \%$	2.5-<7.5%
CAS: 110615-47-9 EC number: 600-975-8 Reg.nr.: 01-2119489418-23-XXXX	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides Eye Dam. 1, H318 Skin Irrit. 2, H315 Specific concentration limits: Skin Irrit. 2; H315: $C \geq 30 \%$ Eye Dam. 1; H318: $C \geq 12 \%$	2.5-<5%

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**Trade name: Geschirrspülmittel**

(Contd. of page 2)

CAS: 68515-73-1 NLP: 500-220-1 Reg.nr.: 01-2119488530-36-XXXX	D-Glucopyranose, oligomers, decyl octyl glycosides Eye Dam. 1, H318	1-<2.5%
CAS: 8028-48-6 EINECS: 232-433-8 Reg.nr.: 01-2119493353-35-XXXX	Orange, sweet, extr. (Orangeoil sweet) Consisting of: 5989-27-5 (R)-p-mentha-1,8-diene (96%); 5392-40-5 Citral (1%); 78-70-6 Linalool (1%) Alternative CAS number: 8008-57-9 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Skin Irrit. 2, H315; Skin Sens. 1, H317	<1%
CAS: 56-81-5 EINECS: 200-289-5 RTECS: MA 8050000	glycerol substance with a Community workplace exposure limit	<1%
Regulation (EC) No 648/2004 on detergents / Labelling for contents		
anionic surfactants, non-ionic surfactants		≥5 - <15%
perfumes (LIMONENE, LINALOOL, CITRAL)		

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures**4.1 Description of first aid measures****General information:**

In case of discomfort or doubt, seek medical advice.

If unconscious, use a stable lateral position and do not administer anything through mouth.

After inhalation: In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Take off contaminated clothing and wash it before reuse.

Seek medical treatment in case of complaints.

After eye contact:

Rinse opened eye for several minutes under running water.

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

Seek medical treatment.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Call a doctor immediately.

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

Depending on the condition of the patients, the doctor must assess the symptoms and the overall general condition.

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**Trade name: Geschirrspülmittel**

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SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

In case of fire, dangerous combustion gases or vapours may be generated.

5.3 Advice for firefighters**Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Restricted access to the affected area until cleaning work is completed.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Avoid contact with skin and eyes.

Avoid breathing mist/vapours/spray.

Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Clean with water.

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.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Keep receptacles tightly sealed.

Avoid contact with skin and eyes.

Avoid breathing mist/vapours/spray.

Use personal protective equipment as required.

Observe protective measures and safety instructions.

Information about fire - and explosion protection: No special measures required.

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Trade name: **Geschirrspülmittel**

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7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

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

Store in accordance with local/regional/national/international regulations.

Information about storage in one common storage facility: Store away from incompatible materials.

Further information about storage conditions: Keep container tightly sealed.

Recommended storage temperature: room temperature

Storage class: 12

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS: 56-81-5 glycerol

AGW (Germany)	Long-term value: 200 E mg/m ³ 2 (I);DFG, Y
LEP (Spain)	Long-term value: 10 mg/m ³
VLEP (France)	Long-term value: 10 mg/m ³
WEL (Great Britain)	Long-term value: 10 mg/m ³
TWA (Italy)	Long-term value: (10) mg/m ³

CAS: 5949-29-1 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate

AGW (Germany)	Long-term value: 2 E mg/m ³ 2(I);DFG, Y
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Regulatory information

AGW (Germany): TRGS 900

LEP (Spain): Límites de exposición profesional para agentes químicos

VLEP (France): ED 1487 05.2021

WEL (Great Britain): EH40/2020

TWA (Italy): Valori Limite di Soglia

DNELs

CAS: 68891-38-3 Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz

Oral	Long-term exposure - systemic effects	15 mg/kg bw/d (consumer)
Dermal	Long-term exposure - systemic effects	1,650 mg/kg bw/d (consumer) 2,750 mg/kg bw/d (workers)
	Long-term exposure - local effects	0.079 mg/cm ² (consumer) 0.132 mg/cm ² (workers)
	Inhalative	Long-term exposure - systemic effects

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CAS: 68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides		
Oral	Long-term exposure - systemic effects	35.7 mg/kg bw/d (consumer)
Dermal	Long-term exposure - systemic effects	357,000 mg/kg bw/d (consumer)
		595,000 mg/kg bw/d (workers)
Inhalative	Long-term exposure - systemic effects	124 mg/m ³ (consumer)
		420 mg/m ³ (workers)
CAS: 8028-48-6 Orange, sweet, extr. (Orangeoil sweet)		
Oral	Long-term exposure - systemic effects	4.44 mg/kg bw/d (consumer)
Dermal	Long-term exposure - systemic effects	4.44 mg/kg bw/d (consumer)
		8.89 mg/kg bw/d (workers)
	short-term exposure - local effects	0.0929 mg/cm ² (consumer)
Inhalative	Long-term exposure - systemic effects	0.1858 mg/cm ² (workers)
		7.78 mg/m ³ (consumer)
		31.1 mg/m ³ (workers)

PNECs

CAS: 68891-38-3 Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz

fresh water	0.24 mg/l
sea water	0.024 mg/l
intermittent release (fresh water)	0.071 mg/l
STP	10,000 mg/l
sediment (fresh water)	0.917 mg/kg dw
sediment (sea water)	0.092 mg/kg dw
soil	7.5 mg/kg dw

CAS: 68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides

fresh water	0.176 mg/l
sea water	0.018 mg/l
intermittent release (fresh water)	0.27 mg/l
STP	560 mg/l
sediment (fresh water)	1.516 mg/kg dw
sediment (sea water)	0.152 mg/kg dw
soil	0.654 mg/kg dw
oral	111.11 mg/kg food

CAS: 8028-48-6 Orange, sweet, extr. (Orangeoil sweet)

fresh water	5.4 µg/l
sea water	0.54 µg/l
intermittent release (fresh water)	5.77 µg/l
STP	2.1 mg/l
sediment (fresh water)	1.3 mg/kg dw

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**Trade name: Geschirrspülmittel**

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sediment (sea water)	0.13 mg/kg dw
soil	0.261 mg/kg dw

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls**Appropriate engineering controls**

No further data; see section 7.

Technical measures and the use of suitable working methods take priority over the use of personal protective equipment.

Individual protection measures, such as personal protective equipment**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Do not eat or drink while working.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Immediately remove all soiled and contaminated clothing.

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Respiratory protection: Normally not required.

Hand protection

Persons with sensitive skin should wear protective gloves as a precaution.

EN 374

The glove material has to be impermeable and resistant to the product/ the substance/ the mixture.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection

Tightly sealed goggles

EN 166

Body protection: Protective work clothing

Environmental exposure controls Do not allow to enter sewers/ surface or ground water.

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Trade name: Geschirrspülmittel

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SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****General Information**

Physical state	Fluid
Colour:	bluish-greenish
Odour:	Orange
Odour threshold:	No information available.
Melting point/freezing point:	No information available.
Boiling point or initial boiling point and boiling range	No information available.
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	No information available.
Upper:	No information available.
Flash point:	Not applicable.
Decomposition temperature:	No information available.
pH	7.0 - 7.2
Viscosity:	
Kinematic viscosity	No information available.
Dynamic:	No information available.
Solubility	
water:	miscible

Partition coefficient n-octanol/water (log value)

68891-38-3	Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz	0,3 log Kow
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	1,72 log Kow
56-81-5	glycerol	-1,75 log Kow

Vapour pressure at 20 °C: ≤ 23 hPa (CAS: 7732-18-5 water, distilled, conductivity or of similar purity)

Density and/or relative density

Density:	No information available.
Vapour density	No information available.

9.2 Other information**Appearance:**

Form: liquid (viscous)

Important information on protection of health and environment, and on safety.

Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Change in condition	
Softening point/range	
Oxidising properties	No information available.

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Evaporation rate No information available.

Information with regard to physical hazard classes

Explosives	void
Flammable gases	void
Aerosols	void
Oxidising gases	void
Gases under pressure	void
Flammable liquids	void
Flammable solids	void
Self-reactive substances and mixtures	void
Pyrophoric liquids	void
Pyrophoric solids	void
Self-heating substances and mixtures	void
Substances and mixtures, which emit flammable gases in contact with water	void
Oxidising liquids	void
Oxidising solids	void
Organic peroxides	void
Corrosive to metals	void
Desensitised explosives	void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability No decomposition if used and stored 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.

* SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

LD/LC50 values relevant for classification:

CAS: 68891-38-3 Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz

Oral LD50 4,100 mg/kg (rat)

Dermal LD50 > 2,000 mg/kg (rat)

CAS: 68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides

Oral LD50 > 2,000 mg/kg (rat)

Dermal LD50 > 2,000 mg/kg (Rabbit)

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**Trade name: Geschirrspülmittel**

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CAS: 8028-48-6 Orange, sweet, extr. (Orangeoil sweet)

Oral	LD50	> 5,000 mg/kg (rat)
Dermal	LD50	> 5,000 mg/kg (Rabbit)

CAS: 56-81-5 glycerol

Oral	LD50	12,600 mg/kg (rat)
Dermal	LD50	> 10,000 mg/kg (Rabbit)

Skin corrosion/irritation Based on available data, the classification criteria are not met.**Serious eye damage/irritation**

Causes serious eye irritation.

Note: Classification based on bridging principles. A similar mixture was tested.

Respiratory or skin sensitisation 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.**11.2 Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

*** SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:****CAS: 68891-38-3 Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz**

EC50 (48 h)	7.2 mg/l (daphnia)
EC50 (72 h)	27 mg/l (algae)
LC50 (96 h)	7.1 mg/l (fish)
NOEC (21 d)	0.27 mg/l (daphnia)
NOEC (28 d)	0.2 mg/l (fish)
EC50 (21 d)	0.37 mg/l (daphnia)

CAS: 68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides

EC50 (48 h)	> 100 mg/l (daphnia)
LC50 (96 h)	100.81 mg/l (fish)

CAS: 56-81-5 glycerol

LC50 (96 h)	54,000 mg/l (fish) (Onchorhynchus mykiss)
LC50 (48 h)	1,955 mg/l (daphnia) (Daphnia magna)

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12.2 Persistence and degradability

The surfactant(s) contained in this mixture complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents

68891-38-3	Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz	100 % (28 d)
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	100 % (28 d)
56-81-5	glycerol	98,7 % (24 h)

12.3 Bioaccumulative potential

68891-38-3	Alkohole, C12-14, ethoxyliert, sulfatiert, Natriumsalz	0,3 log Kow
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	1,72 log Kow
56-81-5	glycerol	-1,75 log Kow

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: No data available.

vPvB: No data available.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects**Additional ecological information:****General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Only dispose of product residues via authorised companies according to local legislation.

European waste catalogue

Notes: The European Waste Catalogue (EWC) classifies waste materials and categorises them according to what they are and how they were produced. This may cause other classifications. The final decision belongs to the last user.

20 01 29*	detergents containing hazardous substances
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Uncleaned packaging:**Recommendation:**

Dispose of packaging according to regulations on the disposal of packagings.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: Transport information**14.1 UN number or ID number**

ADR/RID/ADN, IMDG, IATA

not regulated

14.2 UN proper shipping name

ADR/RID/ADN, IMDG, IATA

not regulated

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**Trade name: Geschirrspülmittel**

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14.3 Transport hazard class(es)**ADR/RID/ADN, ADN, IMDG, IATA****Class** not regulated**14.4 Packing group****ADR/RID/ADN, IMDG, IATA** not regulated**14.5 Environmental hazards:** Not applicable.**14.6 Special precautions for user** Not applicable.**14.7 Maritime transport in bulk according to IMO****instruments** Not applicable.**UN "Model Regulation":** not regulated**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

REGULATION (EU) 2019/1148**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

National regulations:**Information about limitation of use:** Employment restrictions concerning juveniles must be observed.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.*** SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H226 Flammable liquid and vapour.

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H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 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.

Training hints

Before handling, storage or use for the first time, employees must be informed about the properties of the substance and about measures taken to ensure safety and environmental protection.

Classification according to Regulation (EC) No 1272/2008

Serious eye damage/irritation	Bridging principles
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Department issuing SDS:

UmEnA GmbH

<http://umena.at>Email: office@umena.at**Date of previous version:** 16.03.2023**Version number of previous version:** 2.2**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Flam. Liq. 3: Flammable liquids – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

*** Data compared to the previous version altered.**