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## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 20.06.2022 Version number 3 (replaces version 2) Revision: 20.06.2022

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

- 1.1 Product identifier
- Trade name: ALL PURPOSE
- **UFI**: R360-V0MJ-W00S-MYAC
- -1.2 Relevant identified uses of the substance or mixture and uses advised against
- Life cycle stages PW Widespread use by professional workers
- Sector of Use SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- Product category PC35 Washing and cleaning products (including solvent based products)
- Application of the substance / the mixture Exterior vehicle cleaner
- Uses advised against

The mixture is not raccomended for industrial, professional and consumer applications not specified as relevant identified uses

- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:

MA-FRA S.p.A. a Socio Unico Via Aquileia, 44/46 20021 Baranzate (MI) ITALIA Tel.+39 023569981 www.mafra.com mafra@mafra.it

- Informing department:

E-mail: lab@mafra.it

info@mafra.it

- 1.4 Emergency telephone number: In case of accident call the emergency number 112

#### SECTION 2: Hazards identification

- -2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



corrosion

Met. Corr.1 H290 May be corrosive to metals.

Skin Corr. 1A H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

- 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



GHS05

- Signal word Danger
- Hazard-determining components of labelling:

sodium hydroxide

tetrasodium ethylenediaminetetraacetate

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- Hazard statements

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H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

- Precautionary statements

P260 Do not breathe mist/vapours/spray.

P280 Wear protective gloves / eye protection / face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P501 Dispose of contents/container in accordance with local/regional/national/international

- 2.3 Other hazards

- Results of PBT and vPvB assessment

- PBT: Not applicable. - vPvB: Not applicable.

### SECTION 3: Composition/information on ingredients

- -3.2 Mixtures
- Description: Mixture of substances

- Dangerous components:		
CAS: 64-02-8	tetrasodium ethylenediaminetetraacetate	3-5%
EINECS: 200-573-9	STOT RE 2, H373; 🥎 Eye Dam. 1, H318; 🕠 Acute Tox. 4, H302; Acute Tox. 4,	
Reg.nr.: 01-2119486762-27		
CAS: 1310-73-2	sodium hydroxide	3-5%
EINECS: 215-185-5 Rag nr : 01-2110457802-27	Met. Corr.1, H290; Skin Corr. 1A, H314; Eye Dam. 1, H318 Specific concentration limits: Skin Corr. 1A; H314: C≥5 %	
Reg.mr., 01-211945/092-2/	Skin Corr. 1B; $H314: C \le 5\%$	
	Skin Irrit. 2; H315: 0.5 % ≤ C < 2 %	
	Eye Irrit. 2; H319: 0.5 % ≤ C < 2 %	
CAS: 308062-28-4	Amines oxide	<1%
EC number: 931-292-6 Reg.nr.: 01-2119490061-47	Eye Dam. 1, H318;  Aquatic Acute 1, H400; Aquatic Chronic 2, H411;  Acute Tox. 4, H302; Skin Irrit. 2, H315	_
CAS: 1310-58-3	potassium hydroxide	<1%
EINECS: 215-181-3	♦ Met. Corr.1, H290; Skin Corr. 1A, H314; ♦ Acute Tox. 4, H302	
Reg.nr.: 01-2119487136-33	1 0	
	Skin Corr. 1B; H314: 2 % ≤ C < 5 %	
	Skin Irrit. 2; H315: 0.5 % ≤ C < 2 %	
	Eye Irrit. 2; H319: 0.5 % ≤ C < 2 %	

#### - Regulation (EC) No 648/2004

EDTA and salts thereof, non-ionic surfactants, phosphonates, perfumes

- 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

Instantly remove any clothing soiled by the product.

No special measures required.

- After inhalation

In case of unconsciousness bring patient into stable side position for transport.

Supply fresh air; consult doctor in case of symptoms.

- After skin contact

*Instantly wash with water and soap and rinse thoroughly.* 

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<5%

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If skin irritation continues, consult a doctor.

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- After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor.

Use eye protection.

- After swallowing

Drink copious amounts of water and provide fresh air. Instantly call for doctor.

Do not induce vomiting; instantly call for medical help.

-4.2 Most important symptoms and effects, both acute and delayed

Sickness

No further relevant information available.

- Danger Danger of gastric perforation.
- -4.3 Indication of any immediate medical attention and special treatment needed

If swallowed, gastric irrigation

Medical supervision for at least 48 hours

### **SECTION 5: Firefighting measures**

- 5.1 Extinguishing media
- Suitable extinguishing agents

CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Use fire fighting measures that suit the environment.

- 5.2 Special hazards arising from the substance or mixture

Can be released in case of fire

Carbon monoxide (CO)

- 5.3 Advice for firefighters
- Protective equipment:

Do not inhale explosion gases or combustion gases.

Protection means for respiratory tract

- Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

#### **SECTION** 6: Accidental release measures

#### - 6.1 Personal precautions, protective equipment and emergency procedures

Protective gloves. (EN 374)

Particular danger of slipping on leaked/spilled product.

Product forms slippery surface when combined with water.

- For non-emergency personnel

Ensure adequate ventilation

Keep away from ignition sources

Wear protective clothing.

Keep away unauthorized persons

- For emergency responders

Butyl rubber, BR

Recommended thickness of the material:  $\geq 0.1$  mm

PVC gloves

Nitrile rubber, NBR

#### - 6.2 Environmental precautions:

Inform respective authorities in case product reaches water or sewage system.

Dilute with much water.

Do not allow to enter drainage system, surface or ground water.

#### - 6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

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

Use neutralising agent.

Dispose of the material collected according to regulations.

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#### - 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 information on disposal.

### SECTION 7: Handling and storage

#### - 7.1 Precautions for safe handling

Store in cool, dry place in tightly closed containers.

Ensure good ventilation/exhaustion at the workplace.

Take off immediately all contaminated clothing

Wash hands during breaks and at the end of the work.

Do not eat, drink or smoke while working.

- Information about protection against explosions and fires: Protect from heat.
- 7.2 Conditions for safe storage, including any incompatibilities
- -Storage
- Requirements to be met by storerooms and containers: Store only in the original container.
- Information about storage in one common storage facility: Do not store together with acids.
- Further information about storage conditions: Keep container tightly sealed.
- Class according to regulation on inflammable liquids: Void
- -7.3 Specific end use(s) No further relevant information available.

<b>SECTION 8</b>	: Exposure contr	ols/persona	protection
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-8.1 Control	parameters
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re monitoring at the workplace:
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Systemic Long-term Effects 25 mg/Kg bw/day (Consumers)

1.5 mg/m³ (Industrial Workers)

#### 1310-58-3 potassium hydroxide

WEL Short-term value: 2 mg/m<sup>3</sup>

Inhalative Local long-term effects

#### - DNELs

Oral

64-02-8 tetrasodium eth	ylenediaminetetraacetate
-------------------------	--------------------------

		0.6 mg/m³ (Consumers)
		3 mg/m³ (Industrial Workers)
		1.2 mg/m³ (Consumers)
	Systemic long-term effects	1.5 mg/m³ (Industrial Workers)
		0.6 mg/m³ (Consumers)
	Systemic Short-term Effects	0.6 mg/m³ (Consumers) 2.5 mg/m³ (Industrial Workers)
		1.5 mg/m³ (Consumers)
1310-73-2	sodium hydroxide	

Inhalative	Local long-term effects	I mg/m³ (Industrial Workers)
		1 mg/m³ (Consumers)
	Local short-term effects	1 mg/m³ (Industrial Workers)
		1 mg/m³ (Consumers)

#### 68515-73-1 Alkyl polyglucosyde C8-C10

Oral	Systemic Long-term Effects	35.7 mg/Kg bw/day (Consumers)
Dermal	Systemic long-term effects	595,000 mg/Kg bw/day (Industrial Workers)
		357,000 mg/Kg bw/day (Consumers)
Inhalative	Systemic long-term effects	420 mg/m³ (Industrial Workers)

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ı			124 mg/m³ (Congum av-)	(Contd. of pa
2000 21 4	111	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	124 mg/m³ (Consumers)	
		ethylidene-1,1dip	<u> </u>	
	-		13 mg/Kg bw/day (Consumers)	
	Systemic s	hort-term effects		
			6.5 mg/m³ (Consumers)	
	-	ong-term effects	13 mg/Kg bw/day (Industrial Workers)	
308062-28				
	-		0.44 mg/Kg bw/day (Consumers)	
Dermal	Systemic le	ong-term effects	11 mg/Kg bw/day (Industrial Workers)	
			5.5 mg/Kg bw/day (Consumers)	
Inhalative	Systemic le	ong-term effects	6.2 mg/m³ (Industrial Workers)	
			1.53 mg/m³ (Consumers)	
1310-58-3		-		
Inhalative	Local long	g-term effects	1 mg/m³ (Industrial Workers)	
			1 mg/m³ (Consumers)	
	Systemic le	ong-term effects	1 mg/m³ (Industrial Workers)	
			1 mg/m³ (Consumers)	
PNECs				
64-02-8 tet	rasodium d	ethylenediaminet	etraacetate	
PNEC STP	1	43 mg/L (STP)		
Soil		0.72 mg/Kg (Soil	<b>(</b> )	
Soft Water		2.2 mg/L (Water)		
Sea water		0.22 mg/L (Wate	r)	
Occasional	l Emission	1.2 mg/L (Water)	· )	
68515-73-1	Alkyl pol	yglucosyde C8-C	10	
PNEC STP		560 mg/L (STP)		
Soil		0.654 mg/Kg (So	il)	
Soft Water		0.176 mg/L (Wat		
Sea water		0.0176 mg/L (Wa	•	
	soft water)	1.516 mg/Kg (So		
,	,	0.152 mg/Kg (So		
		ethylidene-1,1dip		
PNEC STP		20 mg/L (STP)		
Soil		96 mg/Kg (Soil)		
Soft Water		0.136 mg/L (Wat	er)	
Sea water		0.0136 mg/L (Wa		
	soft water)	,	,	
	ent (soft water) 59 mg/Kg (Soil) ent (sea water) 5.9 mg/Kg (Soil) 2-28-4 Amines oxide			
PNEC STP		24 mg/L (STP)		
Soil		1.02 mg/Kg (Soil	<b>(</b> )	
Soft Water		0.0335 mg/L (Wa		
Sea water		0.00335 mg/L (W		
	soft water)	5.24 mg/Kg (Soil		
	, . ,			
	sea water)	0.524 mg/Kg (So	i/)	

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- 8.2 Exposure controls
- Appropriate engineering controls No further data; see item 7.
- Individual protection measures, such as personal protective equipment
- General protective and hygienic measures

Keep away from foodstuffs, beverages and food.

Take off immediately all contaminated clothing

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

- Breathing equipment: Not required.
- Hand protection



Protective gloves. (EN 374)

Alkaline resistant gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- Material of gloves

Butyl rubber, BR

Recommended thickness of the material:  $\geq 0.1$  mm

PVC gloves

Nitrile rubber, NBR

- Penetration time of glove material

For the mixture of chemicals mentioned below the penetration time has to be at least 60 minutes (Permeation according to EN 16523-1:2015: Level 3).

- Eye/face protection



Tightly sealed safety glasses.

- Body protection: Alkaline resistant protective clothing
- Environmental exposure controls Disposal must be made according to official regulations.

#### SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- General Information

- Physical state
- Colour:
- Odour:
- Odour threshold:
- Melting point/freezing point:

Fluid
Yellow
Characteristic
Not determined
Not determined

-Boiling point or initial boiling point and boiling range 100 °C

- Flammability Not applicable.

-Lower and upper explosion limit

- Lower: Not determined.
- Upper: Not determined.
- Flash point: Not applicable

- Self-inflammability: Product is not selfigniting.

- Decomposition temperature: Not determined.

-pH at 20 °C >12

- Viscosity:

- Kinematic viscosity Not determined. - dynamic: Not determined.

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		(Contd. of page 6)
- Solubility		
- Water:	Fully miscible	
- Partition coefficient n-octanol/water (log value)	Not determined.	
- Vapour pressure at 20 °C:	23 hPa	
- Density and/or relative density		
- Density at 20 °C	$1.08 \text{ g/cm}^3$	
- Relative density	Not determined.	
- Vapour density	Not determined.	
- 9.2 Other information		
- Appearance:		
- Form:	Fluid	
-Important information on protection of health	and	
environment, and on safety.		
- Ignition temperature:	n.a	
- Explosive properties:	Product is not explosive.	
- Change in condition	•	
- Evaporation rate	Not determined.	
- 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 gase	es in	
contact with water	Void	
- Oxidising liquids	Void	
- Oxidising solids	Void	
- Organic peroxides	Void	
- Corrosive to metals	May be corrosive to metals.	
- Desensitised explosives	Void	

### SECTION 10: Stability and reactivity

- 10.1 Reactivity Stable under normal conditions
- 10.2 Chemical stability

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions Reacts with acids
- -10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials:

Corrosive action on metals

Reacts with strong acids

- 10.6 Hazardous decomposition products: No dangerous decomposition products known

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## SECTION 11: Toxicological information

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

-Acute toxicity				
- LD/LC50 values that are relevant for classification:				
64-02-8	tetrasodi	ium ethylenediaminetetraacetate		
Oral	LD50	1,780 mg/Kg (Rat)		
1310-73	-2 sodiun	n hydroxide		
Oral	LD50	2,000 mg/Kg (Rat)		
68439-4	139-46-3 Ethoxy Alchol C9-C11			
Oral	LD50	>2,000 mg/Kg (Rat)		
Dermal	LD50	>2,000 mg/Kg (Rabbit)		
68515-7	3-1 Alkyi	l polyglucosyde C8-C10		
Oral	LD50	>2,000 mg/Kg (Rat)		
Dermal	LD50	>2,000 mg/Kg (Rat)		
308062-	308062-28-4 Amines oxide			
Oral	LD50	mg/Kg (Rat)		
	NOAEL	88 mg/Kg (Rat)		

- -Skin corrosion/irritation Causes severe skin burns and eye damage.
- Serious eye damage/irritation Causes serious eye damage.

>2,000 mg/Kg (Rat)

-11.2 Information on other hazards

- Endocrine disrupting properties	
32388-55-9 Acetyl cedrene	List II
21145-77-7 6-Acetyl-1,1,2,4,4,7-hexamethyltetraline	List II

## SECTION 12: Ecological information

Dermal LD50

- 12.1 Toxicity	
- Aquatic toxicity:	
64-02-8 tetrasodium ethylenediaminetetraacetate	
LC50 (96h) >100 mg/L (Fish)	
EC50 (48h) 140 mg/L (Daphnia)	
EC50 (72h) >100 mg/L (Algae)	
1310-73-2 sodium hydroxide	
LC50 (96h) 45 mg/L (Fish)	
EC50 (48h) 40.4 mg/L (Daphnia)	
LC50 (48h) 189 mg/L (Fish)	
68439-46-3 Ethoxy Alchol C9-C11	
LC50 (96h) >1-10 mg/L (Fish)	
EC50 (48h) >1-10 mg/L (Daphnia)	
EC50 (72h) $> 1-10 mg/L (Algae)$	
68515-73-1 Alkyl polyglucosyde C8-C10	
LC50 (96h)   126 mg/L (Fish)	
EC50 (48h) >100 mg/L (Daphnia)	
EC50 (72h) 27.22 mg/L (Algae)	
'	(Contd. on page 9)

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1-hydroxy ethylidene-1,1diphosphonic acid
195 mg/L (Fish)
527 mg/L (Daphnia)
7.2 mg/L (Algae)
4 Amines oxide
2.67 mg/L (Fish)
0.266 mg/L (Algae)
3.1 mg/L (Daphnia)
2.67 mg/L (Fish)
0.143 mg/L (Algae)
potassium hydroxide
80 mg/L (Fish)

- 12.2 Persistence and degradability The contained surfactants are easily biodegradable
- Other information: The product is easily biodegradable.
- -12.3 Bioaccumulative potential No further relevant information available.
- -12.4 Mobility in soil No further relevant information available.
- 12.5 Results of PBT and vPvB assessment
- **PBT**: Not applicable.
- vPvB: Not applicable.
- 12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.
- 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 bodies or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Danger to drinking water if even small quantities leak into soil.

The surfactant(s) contained in this preparation complies(comply) 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.

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

#### SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- Recommendation

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

- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport informati	on
- 14.1 UN number or ID number - ADR, IMDG, IATA	UN1719
- 14.2 UN proper shipping name - ADR, IMDG, IATA	CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE) tetrasodium ethylenediaminetetraacetate)

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- 14.3 Transport hazard class(es)	
- ADR, IMDG, IATA	
OF The Control of the	
- Class	8 Corrosive substances.
- Label	8
- 14.4 Packing group - ADR, IMDG, IATA	II
- 14.5 Environmental hazards: - Marine pollutant:	No
- 14.6 Special precautions for user	Warning: Corrosive substances.
- Kemler Number:	80
- EMS Number:	F- $A$ , $S$ - $B$
- Segregation groups	Alkalis
-Stowage Category	A
-Segregation Code	SG22 Stow "away from" ammonium salts SG35 Stow "separated from" SGG1-acids
- 14.7 Maritime transport in bulk according	• •
instruments	Not applicable.
- Transport/Additional information: - ADR	
- Limited quantities (LQ)	lL
- Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
- Transport category	2
- Tunnel restriction code - IMDG	E
- Limited quantities (LQ)	IL
- Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml

### **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.
- National regulations
- Classification according to VbF: Void
- Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.
- -15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### SECTION 16: Other information

- Relevant phrases

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

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H315 Causes skin irritation.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

- Department issuing data specification sheet: Ma-Fra Laboratories

- Contact: lab@mafra.it

- Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport 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)

VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)

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

Met. Corr.1: Corrosive to metals – Category 1

Acute Tox. 4: Acute toxicity - Category 4

Skin Corr. 1A: Skin corrosion/irritation - Category 1A

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

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

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1

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

- \* Data compared to the previous version altered.

GB