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

Revision: 25.04.2024 Version number 5 Date of the first version: 26.10.2018

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

· 1.1 Product identifier

· Trade name: JUPOL Bio apnena notranja barva

· Article number: 2.000.064 · UFI: EHT1-N0NY-S00K-3UPU

- · 1.2 Relevant identified uses of the substance or mixture and uses advised against
- · Life cycle stages

PW Widespread use by professional workers

C Consumer use

· Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU19 Building and construction work

- · Product category PC9a Coatings and paints, thinners, paint removers
- · Process category PROC10 Roller application or brushing
- Environmental release category ERC10a Widespread use of articles with low release (outdoor)
- · Article category AC4 Stone, plaster, cement, glass and ceramic articles
- · Application of the substance / the mixture Interior wall paint
- · 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

JUB d.o.o.

Dol pri Ljubljani 28

1262 DOL PRI LJUBLJANI

SLOVENIA

T: + 386 1 5884 183

F: + 386 1 5884 250

E: info@jub.si

· Further information obtainable from:

Laura Učakar

T: +386 1 5884 185

F: +386 1 5884 227

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· 1.4 Emergency telephone number:

UK Emergency number: 999

Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

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SECTION 2: Hazards identification

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



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

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

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

· Hazard pictograms



GHS05

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

calcium dihydroxide sodium hydroxide

· Hazard statements

H314 Causes severe skin burns and eye damage.

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

Keep out of reach of children. P102

P103 Read carefully and follow all instructions.

Do not breathe dusts or mists. P260

Wear protective gloves/protective clothing/eye protection/face protection. P280

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

skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

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

Immediately call a POISON CENTER/doctor. P310

Store locked up. P405

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

international regulations.

· Additional information:

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

- · 2.3 Other hazards
- · Results of PBT and vPvB assessment Not applicable.
- · **PBT:** Not applicable.

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- · vPvB: Not applicable.
- Determination of endocrine-disrupting properties Not applicable.

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SECTION 3:	('amnasif	ian/intar	mafian ar	ingredients
DECTION 3.	Composit	WI//III WI		i mgr carents

· **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
CAS: 1305-62-0	calcium dihydroxide	5-10%
EINECS: 215-137-3	Eye Dam. 1, H318	
Reg.nr.: 01-2119475151-45	Skin Irrit. 2, H315; STOT SE 3, H335	
CAS: 13463-67-7	titanium dioxide	1-5%
EINECS: 236-675-5	& Carc. 2, H351	
Reg.nr.: 01-2119489379-17	EUH210, EUH211	
CAS: 1310-73-2	sodium hydroxide	5%
EINECS: 215-185-5	Met. Corr.1, H290; Skin Corr. 1A, H314	
Reg.nr.: 01-2119457892-27	Specific concentration limits:	
	Skin Corr. 1A; H314: C ≥ 5%	
	Skin Corr. 1B; H314: 2 % ≤ C < 5 %	
	Skin Irrit. 2; H315: 0.5 % ≤ C < 2 %	
	Eye Irrit. 2; H319: $0.5 \% \le C < 2 \%$	
CAS: 13463-41-7	pyrithione zinc	≤0.005%
EINECS: 236-671-3	Acute Tox. 3, H301; Acute Tox. 3, H331	
	Repr. 1B, H360D; STOT RE 1, H372	
	Eye Dam. 1, H318	
	Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1,	
	H410 (M=10)	
	ATE: LD50 oral: 221 mg/kg	
	LC50/4 h inhalative: 0.14 mg/l	
	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one	≤0.00159
	[EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one	
	[EC no. 220-239-6] (3:1)	
	Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330	
	Skin Corr. 1C, H314; Eye Dam. 1, H318	
	Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1,	
	H410 (M=100)	
	Skin Sens. 1A, H317	
	EUH071	
	Specific concentration limits:	
	Skin Corr. 1C; H314: C ≥0.6 %	
	Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 %	
	Eye Dam. 1; H318: C ≥ 0.6 %	
	Eye Irrit. 2; H319: $0.06 \% \le C < 0.6 \%$	
	Skin Sens. 1A; H317: C ≥ 0.0015 %	

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CAS: 1317-65-3 calcium carbonate substance with a Community workplace exposure limit (Contd. of page 3)

EINECS: 215-279-6 substance with a Community workplace exposure limit

· Additional information:

The product is liquid and therefore not classified as H351 in accordance with Regulation (EU) 2020/217, although it contains more than 1% titanium dioxide.

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

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eve contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Do not induce vomiting; call for medical help immediately.

If symptoms persist consult doctor.

Rinse out mouth and then drink plenty of water.

· 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.

SECTION 5: Firefighting measures

• 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- · 5.3 Advice for firefighters
- · Protective equipment: No special measures required.
- · 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

Wear protective equipment. Keep unprotected persons away.

• 6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

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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). 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.

Prevent formation of aerosols.

- · Information about fire and explosion protection: No special measures required.
- · 7.2 Conditions for safe storage, including any incompatibilities
- Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
- · Information about storage in one common storage facility:

Do not store together with oxidising and acidic materials.

· Further information about storage conditions:

Protect from frost.

Keep container tightly sealed.

- · Storage class: 8 B
- · 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 magnina	manitaring	at tha	workplace
Ingredients with	i iiiiiit vaiues	mai reduire	momtorme	at me	workblace:

CAS: 1317-65-3 calcium carbonate

WEL Long-term value: 10* 4** mg/m³ *inhalable dust; **respirable

CAS: 1305-62-0 calcium dihydroxide

WEL Short-term value: 4* mg/m³
Long-term value: 5 1* mg/m³
*resprable fraction

CAS: 1310-73-2 sodium hydroxide

WEL Short-term value: 2 mg/m³

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- · 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.
- · Individual protection measures, such as personal protective equipment

· General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Do not eat or drink while working.

Respiratory protection:

Suitable respiratory protective device recommended.

Use suitable respiratory protective device only when aerosol or mist is formed.

Protective mask should be in accordance with BS EN 14387.

· Hand protection

Protective gloves

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

Protective gloves that meet the criteria of BS EN 374.

Check protective gloves prior to each use for their proper condition.

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

After use of gloves apply skin-cleaning agents and skin cosmetics.

· 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

Safety glasses

Goggles recommended during refilling

Protective goggles must comply with standard BS EN 166.

· Body protection: Use protective suit.

SECTION 9: Physical and chemical properties

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

· Physical state Fluid

· Colour: Different according to colouring

Odour: CharacteristicOdour threshold: Not determined.

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(Contd. of page 6) · Melting point/freezing point: Undetermined. · Boiling point or initial boiling point and boiling range ≥100 °C (CAS: 7732-18-5 water, distilled, conductivity or of similar purity) · Flammability Not applicable. · Lower and upper explosion limit · Lower: Not determined. · Upper: Not determined. · Flash point: Not applicable. · Decomposition temperature: Not determined. · pH at 20 °C 12-13.7 · Viscosity: · Kinematic viscosity Not determined. · Dynamic at 20 °C: 3.000-7.000 mPas · Solubility Fully miscible. · water: Not determined. · Vapour pressure: · Density and/or relative density Density at 20 °C: 1.49-1.55 g/cm³ · 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: Product is not selfigniting. Product does not present an explosion hazard. · Explosive properties: · Solvent content: (skladno z direktivo 2004/42/ES je proizvod premaz kategorije A/a). <3.0 g/l · Organic solvents: 0.0 % · Water: 36.4 % · VOC (EC) 0.20 % · Information with regard to physical hazard classes Void · Explosives · Flammable gases Void Void · Aerosols · Oxidising gases Void · Gases under pressure Void · Flammable liquids Void · Flammable solids Void · Self-reactive substances and mixtures Void

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· 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
- Thermal decomposition / conditions to be avoided: 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.

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	· LD/LC50 values relevant for classification:					
CAS: 1305	CAS: 1305-62-0 calcium dihydroxide					
Oral	LD50	7,340 mg/kg (rat)				
CAS: 1340	CAS: 13463-67-7 titanium dioxide					
Oral	LD50	mg/kg (rat)				
Dermal	LD50	mg/kg (rabbit)				
Inhalative	LC50/4 h	mg/l (rat)				
CAS: 1310	CAS: 1310-73-2 sodium hydroxide					
Oral	LD50	50 2,000 mg/kg (rat)				
CAS: 1340	CAS: 13463-41-7 pyrithione zinc					
Oral	LD50	221 mg/kg (ATE)				

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		269 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
		>2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	0.14 mg/l (ATE)
		>2,000 mg/l (rabbit)
		chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4- EC no. 220-239-6] (3:1)
Oral	LD50	49.6-75 mg/kg (rat)
Dermal	LD50	141 mg/kg (rabbit)
Inhalative	LC50/4 h	0.33 mg/l (rat)

- · Skin corrosion/irritation Causes severe skin burns and eye damage.
- · Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · 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 tox	· Aquatic toxicity:			
CAS: 1310-73-2 sodium hydroxide				
LC50/ 96 h	LC50/ 96 h 45 mg/l (/)			
CAS: 13463	CAS: 13463-41-7 pyrithione zinc			
LC50	0.028 mg/l (daphnia)			
EC50/ 48 h	0.05 mg/l (daphnia)			
EC50/ 72 h	0.067 mg/l (/)			

- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.

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- 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

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.

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

Danger to drinking water if even small quantities leak into the ground.

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

Disposal of lime products must be carried out in accordance with legal provisions:

1.Product - unused residue:

If possible, re-use the product (shelf life and storage method are important). In the event of disposal, harden it with sand and dispose of it according to "product - hardened" or deliver it at separate collection of hazardous construction waste, classification number: 17 09 03* (Other construction and demolition wastes (including mixed wastes) containing hazardous substances)

2.Product – hardened

Prevent entry into drains. Remove hardened material as construction waste. The waste is not hazardous waste, but is inert. Classification number of waste: 17 09 04 (Mixed construction and demolition wastes).

Packaging waste

Packaging waste must be completely emptied and disposed of in accordance with the Decree on packaging and packaging waste handling, classification number: 15 01 02 – Plastic packaging.

· Recommendation

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

Hand over to hazardous waste disposers.

· Europe	an waste catalogue
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
15 01 02	plastic packaging

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- · Recommendation: Dispose of packaging according to regulations on the disposal of packagings.
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information	n
· 14.1 UN number or ID number · ADR, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk accord	ing to
IMO instruments	Not applicable.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

 \cdot 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Following regulation was considered in the preparation of document:

Legislation on the occupational health and safety, the chemical legislation and regulations on biocidal products, regulations on classification, packaging and labeling of chemical and biocidal products and requirements on safety data sheets for chemicals and biocidal products composition, as well as regulations on the management of packaging and packaging waste and waste.

· Poisons Act

· Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

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· Reportable poise	ons	
CAS: 1310-73-2	sodium hydroxide	12% of total caustic alkalinity
CAS: 50-00-0	formaldehyde	5%

· Labelling according to Regulation (EC) No 1272/2008

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

· Hazard pictograms



· Signal word Danger

· Hazard-determining components of labelling:

calcium dihydroxide sodium hydroxide

· Hazard statements

H314 Causes severe skin burns and eye damage.

· Precautionary statements

P101	If al: a al	l advice is needed.	1		a a a a a a a a
PIUI	ii meaicai	i anvice is needed	nave product	container or	ianei ai nano

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P260 Do not breathe dusts or mists.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

skin with water [or shower].

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.

P405 Store locked up.

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

international regulations.

- · Directive 2004/42/EC
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · 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.

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· 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.

· 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. This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· Relevant phrases

H290	May	be corrosive to	metals.
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- H301 Toxic if swallowed.
- H310 Fatal in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H331 Toxic if inhaled.
- H335 May cause respiratory irritation.
- H351 Suspected of causing cancer.
- H360D May damage the unborn child.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- EUH071 Corrosive to the respiratory tract.
- EUH210 Safety data sheet available on request.
- EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

· Recommended restriction of use

Claims contained in this document are based on our actual knowledge at the time of revision of this document. They do not undertake the properties of the product described in terms of the legal

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provisions for the pledge.

Placing this document as available does not unbind the product customer from its responsibility to comply with all relevant laws and regulations applicable for this product. This is especially valid in the case of product resale or resale of its mixtures or manufactured products from other areas of law and industrial property rights of third parties. If the product described above is changed by crafting or mixing with other materials, it is not possible to transfer claims from this document onto a newly made product, unless otherwise specified. In the case of product re-packaging the customer must attach the required relevant safety information as well.

Department issuing SDS:

JUB d.o.o.

Product safety department

· Contact:

Laura Učakar

laura.ucakar@jub.eu

· 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)

VOC: Volatile Organic Compounds (USA, EU)

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

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

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 2: Acute toxicity – Category 2

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

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

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

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

Skin Sens. 1A: Skin sensitisation – Category 1A

Carc. 2: Carcinogenicity - Category 2

Repr. 1B: Reproductive toxicity - Category 1B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 1: Specific target organ toxicity (repeated exposure) - Category 1

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

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1

* * Data compared to the previous version altered.