

Safety data sheet

according to 1907/2006/EC, Article 31

ASonic Multipurpose ultrasonic cleaning concentrate

Version: 1 / Revision date 1.7.15. / Printing date: 13.3.13.

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	ASonic Multipurpose ultrasonic cleaning concentrate
SUPPLIER	AVene d.o.o. Tržaška cesta 134 1000 Ljubljana Slovenia Tel: +386.41.566618 e-mail: prodaja@avene.si
INTERNAL ID	AS-MTP-0.2, AS-MTP-1, AS-MTP-5, AS-MTP-25
APPLICATION	Splošno čiščenje in razmaščevanje v ultrazvočnih kopelih
SECTOR OF USE	SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites
VELIKOST	
EMBALAŽE	0,2 litre, 1 litre, 5 litres, 25 litres

2 HAZARDS IDENTIFICATION

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.

LABEL ELEMENTS:

Labelling according to Regulation (EC) No 1272/2008

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

SIGNAL WORD: Danger

HAZARD PICTOGRAMS:



GHS05

HAZARD STATEMENTS:

H314 - Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS:

P102 - Keep out of the reach of children.

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

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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

Rinse skin with water/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.

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

CONTAINS:

Potassium hydroxide

Fatty acids, C8-10

SPECIAL WARNINGS:

Special hazards are not known or expected.

OTHER HAZARDS:

No information

3 COMPOSITION/INFORMATION ON INGREDIENTS**CHEMICAL CHARACTERIZATION:** Mixtures

DESCRIPTION: Mixture of substances listed below with nonhazardous additions.

Name	CAS EC Index	%	Classification 1272/2008/EC (CLP)	Reg. number
trisodium nitrilotriacetate	5064-31-3 225-768-6 607- 620-00-6	1-5	Acute Tox. 4; H302 Eye Irrit. 2; H319 Carc. 2; H351	-
2-ethylhexanoic acid	149-57-5	1-5	Repr. 2; H361d	-
	205-743-6			
	607-230-00-6			
Potassium hydroxide	1310-58-3 215-181-3 019- 002-00-8	< 2,5	Acute Tox. 4; H302 Skin Corr. 1A; H314	-
Fatty acids, C8-10	68937-75-7 273-086-2	< 2,5	Skin Corr. 1A; H314	-
2-amino-2-methyl- propanol	124-68-5	2,5	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Aquatic Chronic 3; H412	-
	204-709-8			
	603-070-00-6			
2-butoxyethanol	111-76-2	2,5	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Acute Tox. 4; H332	-
	203-905-0			
	603-014-00-0			

4 FIRST-AID MEASURES**DESCRIPTION OF FIRST AID MEASURES**

General information: Remove the affected person from the hazardous area. Immediately remove contaminated clothing and footwear. In case of doubt or illness, seek medical advice.

After skin contact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

In case of (over-severe) inhalation: Transfer to fresh air - leave the contaminated area. If symptoms persist, seek medical advice.

In case of ingestion: Drink a small amount of water approx. 1 dcl. Do not induce vomiting, call a doctor. Do not induce vomiting!

SYMPTOMS

In case of contact with skin: Causes severe burns.

In case of contact with eyes: Causes severe irritation: danger of serious damage to eyes. An unpleasant feeling, pain, tearing, redness, swelling of the eye conjunctiva.

Inhalation: Excess exposure to mist or vapor may result in respiratory irritation. Ingestion

May cause nausea / vomiting and diarrhea.

STATEMENT OF IMMEDIATE MEDICAL SUPPLY AND SPECIAL TREATMENT

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Suitable extinguishing agents: CO₂, powder or water spray. Unsuitable extinguishing media direct water jet.

SPECIAL HAZARDS RELATING TO THE SUBSTANCE / OR MIXTURE

Hazardous combustion products: Generally hazardous vapors / gases may form during heating.

ADVICE FOR FIREFIGHTERS

PROTECTIVE MEASURES: DO NOT BREATHE FUMES / GASES FROM FIRE OR HEAT.

PROTECTIVE EQUIPMENT

COMPLETE PROTECTIVE CLOTHING (SIST EN 469: 2014), HELMET (SIST EN 443: 2008), PROTECTIVE BOOTS (SIST EN 15090: 2012), GLOVES (SIST EN 659: 2003 + A1: 2008 / AC: 2009) AND INSULATING RESPIRATORY APPARATUS (EN 137: 2006).

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

For non-trained personnel: Protective equipment

Avoid contact with skin and eyes. Use protected equipment (see t.8.). Emergency procedures

Ensure adequate ventilation.

rescue workers

ENVIRONMENTAL MEASURES

With adequate containment, prevent spillage into water or soil, don't pour into drains.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

For containment: Spill out spills with non-combustible absorbents, eg. sand, finger, vermiculite, diatomaceous soil.

For cleaning: Spilled liquid is sprayed or sprinkled with absorbent material (sand, sawdust or special absorbent material), picked up in suitable containers, if possible, neutralize and ensure destruction in accordance with regulations. Other information: - / -

REFERENCES TO OTHER DEPARTMENTS

See also sections 8 and 13.

7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Protective measures

Fire Precautions: Ensure good ventilation.

Measures to prevent the formation of aerosols and dusts: Provide adequate ventilation.

Measures for environmental protection

Tips on general hygiene of work

Avoid contact with skin and eyes. Use protective equipment. Do not eat, drink or smoke during work.

Care for personal hygiene (washing hands before breaks and at the end of work).

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Technical measures and storage conditions: Keep in a cool and well-ventilated area. Storage temperature: + 5 ° C to 30 ° C. Protect from open fires, heat and direct sunlight.

Packaging materials

Requirements for storage areas and containers the warehouse must have a catchment pool. Store in original packaging.

Storage class

Storage class: 8B

Further information on storage conditions: - / -

SPECIFIC FINAL APPLICATIONS

Recommendations: -/-

Special solutions for the industry: - / -

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Occupational exposure limits

Chemical name (CAS, EC)	Classification				Limit values		KTV	Notes	Biological limit values
	R	M	Rf	Re	mg/m ³	ml/m ³ (ppm)			
2-butoxyethanol; butyl glycol (111-76-2, 203-905-0)					98	20	2,5	K, EU	
Potassium hydroxide (1310-58-3, 215-181-3)					2				
Potassium hydroxide (1310-58-3, 215-181-3)					2	0			

Exposure limit values (IUCLID)

Chemical name	value	interval x time	type
2-butoxyethanol (111-76-2)	20 ml/m ³	30 ppm (2 x 15min)	MAK (DE)
2-amino-2-methyl-propanol (124-68-5)	9,2 mg/m ³	0,1 ppm (1 x 15min)	MAK (DE)
Potassium hydroxide (1310-58-3)	2 mg/m ³	2 mg/m ³ (4 x 10min)	TLV (US)
2-Ethylhexanoic acid (149-57-5)	10 mg/m ³	10 mg/m ³ (2 x 30min)	TLV (US)
trisodium nitrilotriacetate (5064-31-3)	10 mg/m ³	1,3 mg/m ³ (1 x 15min)	MAK (DE)

Source: IUCLID (The information is informative.)

Information on monitoring procedures

BS EN 14042: 2003 Title identifier: Workplace atmosphere. Guidance on the use of procedures for assessing exposure to chemical and biological agents.

DNELs

For ingredients:

Chemical name	type	route of exposure	duration of exposure	value	Notes
2-butoxyethanol (11-76-2)	consumer	dermal	short term (systemic effects)	44,5 mg/kg	
2-butoxyethanol (11-76-2)	consumer	dermal	prolonged (systemic effects)	38 mg/kg	
2-butoxyethanol (11-76-2)	consumer	inhalation	prolonged (systemic effects)	49 mg/m ³	
2-butoxyethanol (11-76-2)	consumer	inhalation	short term (systemic effects)	123 mg/m ³	
2-butoxyethanol (11-76-2)	consumer	inhalation	short term (systemic effects)	426 mg/m ³	
2-butoxyethanol (11-76-2)	consumer	orally	prolonged (systemic effects)	3,2 mg/kg	
2-butoxyethanol (11-76-2)	consumer	orally	short term (systemic effects)	13,4 mg/kg	

2-butoxyethanol (11-76-2)	worker	dermal	prolonged (systemic effects)	75 mg/kg	
2-butoxyethanol (11-76-2)	worker	dermal	short term (systemic effects)	89 mg/kg	
2-butoxyethanol (11-76-2)	worker	inhalation	prolonged (systemic effects)	246 mg/m3	
2-butoxyethanol (11-76-2)	worker	inhalation	prolonged (systemic effects)	98 mg/m3	
2-butoxyethanol (11-76-2)	worker	inhalation	short term (systemic effects)	633 mg/m3	

PNECs:**For ingredients**

Chemical name	route of exposure	value	Notes
2-butoxyethanol (11-76-2)	soil	2,8 mg/kg	
2-butoxyethanol (11-76-2)	sweet water	8,8 mg/L	
2-butoxyethanol (11-76-2)	sediment (sweet water)	8,14 mg/kg	
2-butoxyethanol (11-76-2)	sea water	0,88 mg/L	
2-butoxyethanol (11-76-2)	cleaning device	463 mg/L	

EXPOSURE CONTROLS

Appropriate technical and technological control Organizational measures to prevent exposure
Do not eat, drink or smoke during work. Wash hands before breaks and after work.

Personal protective equipment

Eye and face protection: Safety glasses with side protection (SIST EN 166: 2002).

Hand protection: Protective gloves (SIST EN 374: 2003).

Skin protection: Cotton protective work clothing (SIST EN ISO 13688: 2013) and shoes that cover even the foot (SIST EN ISO 20345: 2012).

Respiratory protection: In case of insufficient ventilation, use respiratory protection.

Thermal hazards: - / -

Environmental exposure controls: - / -

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties**General Information**

- Physical state: liquid
- Color: orange
- Odor: typical
- pH value: 11 - 12 at 20 ° C, conc. 1%
- Melting point / Melting range: No data
- Boiling point: No data
- Flash point: No data
- Vapor speed: No data
- Flammability: No data
- Explosion limits: No data
- Vapor pressure: No data
- Relative vapor density: No data
- Relative density:
Density: ca. 1.06 g / cm³ at 20 ° C
- Solubility (with solvent reference):

Water: soluble

- Partition coefficient n-octanol / water (log Kow): No data
- Auto-ignition temperature: No data
- Decomposition temperature: No data
- Viscosity: No data
- Explosivity: No data
- Oxidising properties: No data

OTHER INFORMATION

Notes: - / -

10 STABILITY AND REACTIVITY

REACTIVITY

CHEMICAL STABILITY

Stable under normal use and with due regard to work instructions / handling / storage (see section 7).

POSSIBILITY OF HAZARDOUS REACTIONS:

CONDITIONS TO AVOID:

Take note of the instructions for use and storage.

INCOMPATIBLE MATERIALS:

Acid. Do not mix with other chemicals (detergents, cleaners).

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO₂ in NO_x

11 TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity:

For ingredients

Chemical name	route of exposure	type	breed	Time	value	method	Notes
trisodium nitrilotriacetate (5064-31 -3)	orally	LD50	rat		1000-2000 mg/kg		
Potassium hydroxide (1310-58-3)	orally	LD50			500 mg/kg		
Potassium hydroxide (1310-58-3)	orally	LD50	rat		270 mg/kg		
Potassium hydroxide (1310-58-3)	orally	ATE			500 mg/kg		
2-Butoxyethanol (111-76-2)	orally	LD50			500 mg/kg		
2-Butoxyethanol (111-76-2)	orally	LD50	human		50 - 500 mg/kg		
2-Butoxyethanol (111-76-2)	orally	LD50	mouse		1200 mg/kg		
2-Butoxyethanol (111-76-2)	orally	LD50	rabbit		320 mg/kg		
2-Butoxyethanol (111-76-2)	orally	LD50	rat		1480 mg/kg		
2-Butoxyethanol (111-76-2)	dermal	LD50			1100 mg/kg		

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2-Butoxyethanol (111-76-2)	dermal	LD50	rabbit		400 mg/kg		
2-Butoxyethanol (111-76-2)	dermal	LD50	rat		2000 mg/kg		
2-Butoxyethanol (111-76-2)	inhalation	LC50	rat	4 h	470 ppmV		gas
2-Butoxyethanol (111-76-2)	inhalation	LC50	mouse	4 h	3,36 mg/L		para
2-Butoxyethanol (111-76-2)	inhalation	LC50	rat	4 h	2,21 mg/L		vapor
2-Butoxyethanol (111-76-2)	inhalation	LC50	rat	4 h	2,2 mg/L		dust / mist
2-Butoxyethanol (111-76-2)	orally	ATE			500 mg/kg		
2-Butoxyethanol (111-76-2)	dermal	ATE			1100 mg/kg		
(111-76-2)*	orally	LD50	rabbit		320 - 370 mg/kg		
(111-76-2)*	orally	LD50	rabbit		320- 1600 mg/kg		
(124-68-5)*	orally	LD50	mouse		2150-317 mg/kg		
(124-68-5)*	orally	LD50	rat		2900-317 mg/kg		
(1310-58-3)*	orally	LD50	rat		214-324 mg/kg		
(1310-58-3)*	orally	LD50	rat		270- 10800 mg/kg		
(149-57-5)*	orally	LD50	rabbit		1300-3000 mg/kg		
(149-57-5)*	orally	LD50	rat		1600-3000 mg/kg		
(5064-31-3)*	orally	LD50	rat		1 -1 mg/kg		
(5064-31-3)*	orally	LD50	mouse		651 - 5460 mg/kg		
(149-57-5)*	dermal	LD50	Guinea Pig		5- 10000		
(149-57-5)*	dermal	LD50	rabbit		1260 - 5000 mg/kg		
(111-76-2)*	dermal	LD50	rabbit		99 - 500 mg/kg		
(111-76-2)*	dermal	LD50	rabbit		100 - 500 mg/kg		
(124-68-5)*	dermal	LD50	rabbit		2000-2000 mg/kg		
(149-57-5)*	inhalation	LC50	rat	6 h	0-7 mg/L		
(149-57-5)*	inhalation	LC50	Guinea Pig	6 h	2-7 mg/L		
(111-76-2)*	inhalation	LC50	rat	18 h	1 - 3 mg/L		
(111-76-2)*	inhalation	LC50	rat	4 h	2-3 mg/L		
(5064-31-3)*	inhalation	LC50	rat	4h	5-8 ng/L		
(124-68-5)*	inhalation	LC50	rat	1h	175-250 ppm		

* Source: IUCLID (The information is informative.)

Skin corrosion / irritation of the skin, severe eye damage / irritation, danger of inhalation
 For the product

route of exposure	breed	Time	result	method	Notes
eyes			Irritating to eyes.		
dermal			It irritates the skin.		
risk of aspiration			May cause nausea / vomiting.		
inhalation			No information.		

For ingredients

Chemical name	route of exposure	breed	Time	result	method	Notes
trisodium nitrilotriacetate (5064-31-3)	dermal			Test: BASF.		
trisodium nitrilotriacetate (5064-31-3)	dermal			Rabbit: OECD test Gudeline 405: Irritating to eyes.		
trisodium nitrilotriacetate (5064-31-3)	eyes			Kunec: test OECD Gudeline 405: draži oči.		
Potassium hydroxide (1310-58-3)	dermal			Corrosive		
Potassium hydroxide (1310-58-3)	eyes			Corrosive for the eyes.		
Potassium hydroxide (1310-58-3)	inhalation			Causes ulcers on the mucous membrane.		
2-Butoxyethanol (111-76-2)	dermal			Harmful in contact with skin.		
2-Butoxyethanol (111-76-2)	eyes			Irritant.		
2-Butoxyethanol (111-76-2)	inhalation			Helth risk by inhalation..		

Hypersensitivity by inhalation or skin sensitization
No information

Carcinogenicity, mutagenicity, reproductive toxicity Carcinogenicity
No information

Mutagenicity (for germ cells)
No information

Reproductive toxicity
No information

Summary of the CMR property rating
The chemical is not classified as carcinogenic, mutagenic or toxic for reproduction.

STOT - single and repeated exposure No information available

Repeat dose toxicity
For ingredients

Chemical name	type	Exposure duration	Type of exposure and body	breed	value	method
2-Butoxyethanol (111-76-2)	NOAEL, prolonged exposure		inhalation (respiratory tract)	rat	152 mg/m ³	
2-Butoxyethanol (111-76-2)	NOAEL, prolonged exposure		oral (digestive tract)	rat	69 mg/kg	
2-Butoxyethanol (111-76-2)	NOAEL, prolonged exposure		dermal (skin)	rabbit	150 mg/kg	

12 ECOLOGICAL INFORMATION

TOXICITY

Acute (short-term) toxicity:

For ingredients

Ingredient (CAS)	Type	Value	Exposure time	breed	Organism	Method	Notes
Potassium hydroxide (1310-58-3)	LC ₅₀	80 mg/L	96 h	fish			
	LC ₅₀	80 mg/L	96 h	fish	Gambusia affinis		
	EC ₅₀	10-100 mg/L	48 h	cartilaginous fishes			
2-Butoxyethanol (111-76-2)	LC ₅₀	1490 mg/L	96 h	fish			
	LC ₅₀	1250 mg/L	96 h	fish			
	LC ₅₀	1490 mg/L	96 h	fish	Lepomis macrochirus		
	LC ₅₀	1250 mg/L	96 h	fish	Menidia beryllina		
	LC ₅₀	800 - 1000 mg/L	48 h	cartilaginous fishes	Crangon crangon		
	EC ₅₀	1000 mg/L	48 h	cartilaginous fishes			
	EC ₅₀	1000 mg/L	48 h	cartilaginous fishes	Daphnia magna		
EC ₅₀	88-911 mg/L	72 h	algae				

Acute toxicity to constituents / constituents (IUCLID)

CAS	breed		
	Fish	Water fleas	algae
149-57-5	LC50/96h: 70 - 9000 mg/L* LC50/48h: 70 - 9000 mg/L*	EC50/48h: 75 - 0 mg/L * EC50/48h: 85 - 0 mg/L *	LC50/96h: 41 - 55 mg/L * LC50/72h: 61-55 mg/L *
1310-58-3	LC50/48h: 80 - 180 mg/L* LC50/96h: 80 - 180 mg/L*		
5064-31-3	LC50/4days: 90-114 mg/L* LC50/168h: 91 - 114 mg/L*	EC50/96h: 85 - 35 mg/L * EC50/24h: 85 - 35 mg/L *	LC50/72h: 0 - 5 mg/L* LC50/72h: 55 - 5 mg/L *
124-68-5	LC50/96h: 184-50 mg/L* LC50/96h: 190-50 mg/L*	EC50/24h: 65 - 299 mg/L* * EC50/96h: 179- 299 mg/L*	LC50/72h: 520 - 3 mg/L * LC50/72h: 61-55 mg/L *
111-76-2	LC50/7days: 983 - 1575 mg/L * LC50/96h: 1250 - 1575 mg/L *	EC50/48h: 1 - 1940 * EC50/24h: 1698 - 1940 mg/L *	LC50/72h: 1 - 2 * LC50/7days: 500 - 2 mg/L *

Source: IUCLID (The information is informative.)

Chronic (long-term) toxicity

For ingredients

Ingredient (CAS)	Type Value	Exposure time	Breed	Organism	Method	Notes
2-butoksietanol (111-76-2)	NOEC 1000	48 h	water flea	Daphnia magna		

STABILITY AND DEGRADABILITY

Abiotic decomposition, physical and photochemical removal

No information

Biodegradability

For ingredients

Ingredient (CAS)	type	rate	time	result	Method	Notes
trinatrijev nitrilotriacetat (5064-31-3)	aerobna			Easy biodegradable	OECD 301 E	

Bioaccumulation potential
 Partition coefficient n-octanol / water (log Kow)
 No information

Bioconcentration Factor (BCF)
 For ingredients

Ingredient (CAS)	breed	value	Trajanje	result	method	Notes
2-butoksietanol (111-76-2)	Organism	0,81		Easy biodegradable		

MOBILITY

Known or planned distribution in environmental compartments: No data
 Surface tension: No data
 Absorption / desorption: No data
 Results of PBT and vPvBL assessment: No evaluation done.
 Other adverse effects: No data

ADDITIONAL DATA

For product:

Soluble in water.

The surfactants contained are biodegradable according to the Detergents Directive (EC) No 648/2004.
 Do not allow to drain into ground water, in waterways or sewers.

For ingredients

Substance: trisodium nitrilotriacetate - Do not allow to run into groundwater, water courses or sewage system.

Substance: Potassium hydroxide - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Substance: 2-amino-2-methyl-propanol-Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Substance: 2-Butoxyethanol - Do not allow, in the undiluted state, in large quantities drains into groundwater, into watercourses or sewers.

13 DISPOSAL CONSIDERATIONS

METODE RAVNANJE Z ODPADKI

Disposal of products / packaging

Removal of product residues

According to the Ordinance on waste management, waste is classified in the classification number 06 02 99 - waste base solutions - other such waste. The preparation has hazardous properties of H4 - irritant waste.

- Waste numbers / waste codes according to the Waste List (LoW)

06 02 99 - other such wastes

Packaging

Leave the fully discharged packaging to the authorized waste transferee.

- Waste numbers / waste codes according to the Waste List (LoW)

15 01 02 - plastic packaging

Data related to waste management

Data related to the disposal of sewage

Other recommendations for disposal

14 TRANSPORT INFORMATION

UN number

Proper shipping name UN: Does not fall between dangerous goods in accordance with the regulations on the transport of dangerous goods.

Transport hazard class (s)

Packing group

Environmental hazards: NO

Special precautions for the user

Bulk transport in accordance with Annex II to MARPOL 73/78 and the IBC Code

15 REGULATORY INFORMATION

HEALTH / SAFETY AND ENVIRONMENTAL PROVISION / LEGISLATION SPECIFIC FOR SUBSTANCE OR BLEND

- Regulation (EC) No. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency and amending Directive 1999/45 / EC and repealing Council Regulation No 793/93 and Commission Regulation (EC) No. Council Directive 76/769 / EEC and Commission Directives 91/155 / EEC, 93/67 / EEC, 93/105 / EC and 2000/21 / EC (amendment Commission Regulation (EU) No 453/2010)

- Regulation (EC) No. (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999/45 / EC and amending Regulation 1907/2006

- Chemicals Act / ZKem /

- Decree on waste management

- Decree on the management of packaging and packaging waste

- Decision to publish Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road / ADR /

- Rules on the protection of workers from the risks related to exposure to chemical agents at work

Data according to Directive 1999/13 / EC on the limitation of emissions of volatile organic compounds (HOS Guideline): not relevant

Ingredients according to the Detergents Regulation EC 648/2004: <5%: anionic surfactants, NTA (nitrilotriacetic acid) and its salts

ASSESSMENT OF CHEMICAL SAFETY

The supplier for this substance / mixture has not made a chemical safety assessment.

- Regulation (EC) No. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency and amending Directive 1999/45 / EC and repealing Council Regulation No 793/93 and Commission Regulation (EC) Council Directive 76/769 / EEC and Commission Directives 91/155 / EEC, 93/67 / EEC, 93/105 / EC and 2000/21 / EC (amendment Commission Regulation (EU) No 453/2010)

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16 OTHER INFORMATION

Spremembe varnostnega lista: Razvrstitev v skladu z Uredbo (ES) št. 1272/2008.

Viri varnostnega lista: Varnostni listi sestavin proizvoda.

RELEVANT PHRASES:

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful by inhalation.

H351 Suspected of causing cancer.

H361d Suspected of harm to the unborn child.

H412 Harmful to aquatic life with long lasting effects.

The information provided relates to the present state of our knowledge and experience and relates to the product in the state in which it is supplied. The purpose of the information is to describe our product according to the safety requirements. The statements do not represent any guarantee of the product's legal features. The customer's own responsibility is to know and observe the legal provisions regarding the transport and use of the product. Product properties are described in the technical information.