

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

### 1.1. Product identifier

Product form : Mixture  
Product name : MIDA IDEAL  
Type of product : Detergent

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

#### 1.2.1. Relevant identified uses

Main use category : Professional use  
Use of the substance/mixture : Cleaner

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Christeyns s.r.o.  
Vítovská 453/7  
742 35 Odry - Czech Rep  
T +420 556 731 111  
[petra.vyskocilova@christeyns.cz](mailto:petra.vyskocilova@christeyns.cz) - [www.christeyns.com](http://www.christeyns.com)

### 1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Israel	Israel Poison Information Center Rambam Health Care Campus	6 Ha'Aliya Street 31096 Haifa	+972 4 854 1900	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315  
Eye Dam. 1 H318

Full text of hazard classes and H-statements : see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

CLP Signal word

: Danger

Hazardous ingredients

: Sodium dodecylbenzenesulfonate; Tetrasodium Ethylene Diamine Tetraacetate; Laurylethoxy(3EO)sulphate, sodium salt

Hazard statements (CLP)

: H315 - Causes skin irritation.  
H318 - Causes serious eye damage.

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Precautionary statements (CLP)

: P280 - Wear eye protection, protective gloves.  
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 and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium dodecylbenzenesulfonate	(CAS-no) 25155-30-0 (Einecs nr) 246-680-4 (EG annex nr) / (REACH-no) 01-2119565112-48	5 - 10	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
Laurylethoxy(3EO)sulphate, sodium salt	(CAS-no) 68891-38-3 (Einecs nr) 500-234-8 (REACH-no) 01-2119488639-16	5 - 10	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Tetrasodium Ethylene Diamine Tetraacetate	(CAS-no) 64-02-8 (Einecs nr) 200-573-9 (EG annex nr) 607-428-00-2 (REACH-no) 01-2119486762-27	3 - 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 STOT RE 2, H373
Isopropanol	(CAS-no) 67-63-0 (Einecs nr) 200-661-7 (EG annex nr) 603-117-00-0 (REACH-no) 01-2119457558-25	3 - 5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Glycerine substance with national workplace exposure limit(s) (BE, CH, CZ, DE, ES, FI, FR, GB, GR, PL, SK)	(CAS-no) 56-81-5 (EG annex nr) 200-289-5 (REACH-no) 1907/2066/EC Annex V.9	1 - 3	Not classified
Sodium hydroxide	(CAS-no) 1310-73-2 (Einecs nr) 215-185-5 (EG annex nr) 011-002-00-6 (REACH-no) 01-2119457892-27	1 - 3	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	(CAS-no) 55965-84-9 (EG annex nr) 613-167-00-5	< 1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=10)

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Sodium hydroxide	(CAS-no) 1310-73-2 (Einecs nr) 215-185-5 (EG annex nr) 011-002-00-6 (REACH-no) 01-2119457892-27	( 0.5 =<C < 2) Eye Irrit. 2, H319 ( 0.5 =<C < 2) Skin Irrit. 2, H315 ( 2 =<C < 5) Skin Corr. 1B, H314 ( 5 =<C < 100) Skin Corr. 1A, H314
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	(CAS-no) 55965-84-9 (EG annex nr) 613-167-00-5	( 0.0015 =<C < 100) Skin Sens. 1A, H317 ( 0.06 =<C < 0.6) Eye Irrit. 2, H319 ( 0.06 =<C < 0.6) Skin Irrit. 2, H315 ( 0.6 =<C < 100) Skin Corr. 1B, H314

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General advice

: In all cases of doubt, or when symptoms persist, seek medical attention. For symptom description, see item 11.

Inhalation

: Fresh air, rest.

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Skin contact : Wash off with plenty of water. In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact : Rinse immediately with plenty of water. Consult an eye specialist.

Ingestion : Rinse mouth out with water. Do NOT induce vomiting. Seek medical advice immediately.

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

Acute effects skin : May cause moderate irritation.

Acute effects eyes : Risk of damage to eyes.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : All extinguishing agents can be used.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

No additional information available

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Stop leak without risks if possible.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed container for disposal.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Never mix with other materials. Never return unused material to original container.

Hygiene measures : Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in original container. Keep container tightly closed in a cool place.

Material(s) to avoid : None known.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Sodium hydroxide (1310-73-2)

Austria	Local name	Natriumhydroxid
Austria	MAK (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Austria	MAK Short time value (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup>
Austria	Regulatory reference	BGBl. II Nr. 186/2015
Belgium	Local name	Sodium (hydroxyde de) # Natriumhydroxide
Belgium	Limit value (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>

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### Sodium hydroxide (1310-73-2)

Belgium	Remark (BE)	M: La mention M indique que lors d'une exposition supérieure à la valeur limite, des irritations apparaissent ou un danger d'intoxication aiguë existe. Le procédé de travail doit être conçu de telle façon que l'exposition ne dépasse jamais la valeur limite. Lors des mesurages, la période d'échantillonnage doit être aussi courte que possible afin de pouvoir effectuer des mesurages fiables. Le résultat des mesurages est calculé en fonction de la période d'échantillonnage.# De vermelding M duidt aan dat bij de blootstelling boven de grenswaarde irritatie optreedt of er gevaar bestaat voor acute vergiftiging. Het werkproces moet zo zijn ontworpen dat de blootstelling de grenswaarde nooit overschrijdt. Bij een controle geldt dat de bemonsterde periode zo kort mogelijk moet zijn om een betrouwbare meting te kunnen verrichten. het meetresultaat wordt dan gerelateerd aan de beschouwde periode
Belgium	Regulatory reference	Koninklijk besluit/Arrêté royal 02/09/2018
Bulgaria	Local name	Натриева основа
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> алкални аерозоли
Bulgaria	Regulatory reference	Наредба № 13 от 30.12.2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа (изм. и доп. ДВ. бр.73 от 4 септември 2018 г.)
Croatia	Local name	Natrijev hidroksid; (kaustična soda)
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Croatia	Naznake (HR)	C (nagrizajuće)
Croatia	Regulatory reference	Pravilnik o izmjenama i dopunama Pravilnika o graničnim vrijednostima izloženosti opasnim tvarima pri radu i o biološkim graničnim vrijednostima (NN, br. 75/13)
Czech Republic	Local name	Hydroxid sodný
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (NPK-P) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Czech Republic	Remark (CZ)	I (dráždí sliznice (oči, dýchací cesty) resp. kůži)
Czech Republic	Regulatory reference	Nařízení vlády č. 361/2007 Sb. (zpracovány změny č. 246/2018 Sb.)
Denmark	Local name	Natriumhydroxid
Denmark	Grænseværdie (ceiling) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Denmark	Anmærkninger (DK)	L (markerer, at grænseværdien er en loftværdi, som ikke på noget tidspunkt må overskrides)
Denmark	Regulatory reference	BEK nr 655 af 31/05/2018
Estonia	Local name	Naatriumhüdoksiid
Estonia	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Estonia	OEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Estonia	OEL Ceiling (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Estonia	Regulatory reference	Vabariigi Valitsuse 18. septembri 2001. a määruse nr 293 (RT I, 30.11.2011, 5)
Finland	Local name	Natriumhydroksidi
Finland	OEL Ceiling (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Finland	Huomautus (FI)	kattoarvo
Finland	Regulatory reference	HTP-ARVOT 2018 (Sosiaali- ja terveystieteiden ministeriö)
France	Local name	Hydroxyde de sodium
France	VME (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>

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### Sodium hydroxide (1310-73-2)

Country	Regulatory reference	Local name	Value
France	Note (FR)		Valeurs recommandées/admises
France	Regulatory reference		Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)
Germany	TRGS 910 Acceptable concentration notes		
Greece	Local name	Υδροξείδιο του νατρίου	
Greece	OEL TWA (mg/m <sup>3</sup> )		2 mg/m <sup>3</sup>
Greece	OEL STEL (mg/m <sup>3</sup> )		2 mg/m <sup>3</sup>
Greece	Regulatory reference		Π.Δ. 90/1999
Hungary	Local name	NÁTRIUM-HIDROXID	
Hungary	AK-érték		2 mg/m <sup>3</sup>
Hungary	CK-érték		2 mg/m <sup>3</sup>
Hungary	Megjegyzések (HU)		m; l.
Hungary	Regulatory reference		25/2000. (IX. 30.) EüM–SZCSM együttes rendelet a munkahelyek kémiai biztonságáról
Ireland	Local name	Sodium hydroxide	
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )		2 mg/m <sup>3</sup>
Ireland	Regulatory reference		Code of Practice for the Chemical Agents Regulations 2018
Latvia	Local name	Nātrija hidroksīds (nātrija sārms, kaustiskā soda)	
Latvia	OEL TWA (mg/m <sup>3</sup> )		0.5 mg/m <sup>3</sup>
Latvia	Regulatory reference		Ministru kabineta 2007.gada 15.maija noteikumiem Nr.325 (Grozījumi Ministru kabineta 2011.gada 1.februārī noteikumiem Nr.92)
Lithuania	Local name	Natrio hidroksidas	
Lithuania	NRV (mg/m <sup>3</sup> )		2 mg/m <sup>3</sup>
Lithuania	Remark (LT)		Ū (ūmus poveikis)
Lithuania	Regulatory reference		LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12)
Poland	Local name	Wodorotlenek sodu	
Poland	NDS (mg/m <sup>3</sup> )		0.5 mg/m <sup>3</sup>
Poland	NDSch (mg/m <sup>3</sup> )		1 mg/m <sup>3</sup>
Poland	Regulatory reference		Dz. U. 2018 poz. 1286
Portugal	Local name	Hidróxido de sódio	
Portugal	OEL - Ceilings (mg/m <sup>3</sup> )		2 mg/m <sup>3</sup>
Portugal	OEL - Ceilings (ppm)		2 ppm
Slovakia	Regulatory reference		Norma Portuguesa NP 1796:2014
Slovakia	Local name	Hydroxid sodný	
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )		2 mg/m <sup>3</sup>
Slovakia	Regulatory reference		Nariadenie vlády č. 33/2018 Z.z.
Slovenia	Local name	natrijev hidroksid	
Slovenia	OEL TWA (mg/m <sup>3</sup> )		2 mg/m <sup>3</sup>
Slovenia	OEL STEL (mg/m <sup>3</sup> )		2 mg/m <sup>3</sup>
Slovenia	KTV factor SL		1
Slovenia	Regulatory reference		Uradni list RS, št. 38/2015 z dne 4.6.2015
Spain	Local name	Hidróxido de sodio	
Spain	VLA-EC (mg/m <sup>3</sup> )		2 mg/m <sup>3</sup>

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### Sodium hydroxide (1310-73-2)

Spain	Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2018. INSHT
Sweden	Local name	Natriumhydroxid
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup> inhalerbart damm
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> inhalerbart damm
Sweden	Anmärkning (SE)	2 (Med inhalerbart damm menas den dammfraktion som definieras i svensk standard SS-EN 481, Arbetsplatsluft – Partikelstorleksfraktioner för mätning av luftburna partiklar, Utgåva 1, 1993, punkt 2.3 och som har en provtagningskaraktäristik enligt punkt 5.1)
Sweden	Regulatory reference	Hygieniska gränsvärden (AFS 2018:1)
United Kingdom	Local name	Sodium hydroxide
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE
Iceland	Local name	Natríumhýdroxíð (vítissóti)
Iceland	OEL (15 min ref) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Iceland	Regulatory reference	Reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum (Nr. 390/2009)
Norway	Local name	Natriumhydroksid
Norway	Grenseverdier (AN) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Norway	Grenseverdier (Takverdi) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
Norway	Merknader (NO)	T (Takverdi er en øyeblikksverdi som angir maksimalkonsentrasjon av et kjemikalie i pustesonen som ikke skal overskrides)
Norway	Regulatory reference	FOR-2018-08-21-1255
Switzerland	Local name	Aetznatron (s. Natriumhydroxid)
Switzerland	MAK (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> 2 mg/m <sup>3</sup>
Switzerland	KZGW (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> 2 mg/m <sup>3</sup>
Switzerland	Critical toxicity	VRS, Peau, Yeux / OAW, Haut, Auge
Switzerland	Notation	SS <sub>c</sub> / SS <sub>c</sub>
Switzerland	Remark	e(mg/m <sup>3</sup> ) - SS <sub>c</sub> - Haut , OAW <sup>KT</sup> & Auge <sup>KT</sup> - NIOSH, OSHA
Switzerland	Regulatory reference	www.suva.ch, 01.11.2018
USA - ACGIH	Local name	Sodium hydroxide
USA - ACGIH	ACGIH Ceiling (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
USA - ACGIH	Remark (ACGIH)	URT, eye, & skin irr
USA - ACGIH	Regulatory reference	ACGIH 2018

### Isopropanol (67-63-0)

Austria	Local name	2-Propanol Kurzzeitwert für Großguss
Austria	MAK (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Austria	MAK (ppm)	200 ppm
Austria	MAK Short time value (mg/m <sup>3</sup> )	2000 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	800 ppm
Austria	Regulatory reference	BGBl. II Nr. 186/2015
Belgium	Local name	Alcool isopropylique # Isopropylalcohol
Belgium	Limit value (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>

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### Isopropanol (67-63-0)

Belgium	Limit value (ppm)	200 ppm
Belgium	Short time value (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	400 ppm
Belgium	Regulatory reference	Koninklijk besluit/Arrêté royal 02/09/2018
Bulgaria	Local name	Изопропилов алкохол
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
Bulgaria	OEL STEL (mg/m <sup>3</sup> )	1225 mg/m <sup>3</sup>
Bulgaria	Regulatory reference	Наредба № 13 от 30.12.2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа (изм. и доп. ДВ. бр.73 от 4 септември 2018 г.)
Croatia	Local name	Propan-2-ol; (izopropil-alkohol; izopropanol)
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	999 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (ppm)	400 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m <sup>3</sup> )	1250 mg/m <sup>3</sup>
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	500 ppm
Croatia	Naznake (HR)	F (lako zapaljivo); Xi (nadražujuće)
Croatia	Regulatory reference	Pravilnik o izmjenama i dopunama Pravilnika o graničnim vrijednostima izloženosti opasnim tvarima pri radu i o biološkim graničnim vrijednostima (NN, br. 75/13)
Czech Republic	Local name	iso-Propanol
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (PEL) (ppm)	204 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (NPK-P) (ppm)	410 ppm
Czech Republic	Remark (CZ)	D
Czech Republic	Regulatory reference	Nařízení vlády č. 361/2007 Sb. (zpracovány změny č. 246/2018 Sb.)
Denmark	Local name	Isopropylalkohol (Isopropanol; 2-Propanol; sec-Propylalkohol)
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	490 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	200 ppm
Denmark	Regulatory reference	BEK nr 655 af 31/05/2018
Estonia	Local name	2-propanool (isopropüülalkohol, isopropanool)
Estonia	OEL TWA (mg/m <sup>3</sup> )	350 mg/m <sup>3</sup>
Estonia	OEL TWA (ppm)	150 ppm
Estonia	OEL STEL (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
Estonia	OEL STEL (ppm)	250 ppm
Estonia	Regulatory reference	Vabariigi Valitsuse 18. septembri 2001. a määruse nr 293 (RT I, 30.11.2011, 5)
Finland	Local name	2-Propanoli
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	200 ppm
Finland	HTP-arvo (15 min)	620 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min) (ppm)	250 ppm
Finland	Regulatory reference	HTP-ARVOT 2018 (Sosiaali- ja terveystieteiden ministeriö)

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### Isopropanol (67-63-0)

France	Local name	Alcool isopropylique
France	VLE (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
France	VLE (ppm)	400 ppm
France	Note (FR)	Valeurs recommandées/admises
France	Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)
Germany	TRGS 900 Local name	Propan-2-ol
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Germany	TRGS 900 Occupational exposure limit value (ppm)	200 ppm
Germany	TRGS 900 Limitation of exposure peaks	2(II)
Germany	TRGS 900 Remark	DFG,Y
Germany	TRGS 900 Regulatory reference	TRGS900
Germany	TRGS 910 Acceptable concentration notes	
Greece	Local name	Ισοπροπυλική αλκοόλη
Greece	OEL TWA (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
Greece	OEL TWA (ppm)	400 ppm
Greece	OEL STEL (mg/m <sup>3</sup> )	1225 mg/m <sup>3</sup>
Greece	OEL STEL (ppm)	500 ppm
Greece	Regulatory reference	Π.Δ. 90/1999
Hungary	Local name	IZOPROPIL-ALKOHOL
Hungary	AK-érték	500 mg/m <sup>3</sup>
Hungary	CK-érték	2000 mg/m <sup>3</sup>
Hungary	Megjegyzések (HU)	b, i; II.1.
Hungary	Regulatory reference	25/2000. (IX. 30.) EüM–SZCSM együttes rendelet a munkahelyek kémiai biztonságáról
Ireland	Local name	Isopropyl alcohol
Ireland	OEL (8 hours ref) (ppm)	200 ppm
Ireland	OEL (15 min ref) (ppm)	400 ppm
Ireland	Notes (IE)	Sk
Ireland	Regulatory reference	Code of Practice for the Chemical Agents Regulations 2018
Latvia	Local name	Izopropanols (2-propanols, izopropilspirts, 1-metil-1-etanols)
Latvia	OEL TWA (mg/m <sup>3</sup> )	350 mg/m <sup>3</sup>
Latvia	OEL STEL (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
Latvia	Regulatory reference	Ministru kabineta 2007.gada 15.maija noteikumiem Nr.325 (Grozījumi Ministru kabineta 2011.gada 1.februārī noteikumiem Nr.92)
Lithuania	Local name	2-propanolis (izopropanolis, izopropilo alkoholis)
Lithuania	IPRV (mg/m <sup>3</sup> )	350 mg/m <sup>3</sup>
Lithuania	IPRV (ppm)	150 ppm
Lithuania	TPRV (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
Lithuania	TPRV (ppm)	250 ppm
Lithuania	Regulatory reference	LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12)
Poland	Local name	Propan-2-ol (izopropylowy alkohol)
Poland	NDS (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>



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Isopropanol (67-63-0)		
Poland	NDSCh (mg/m <sup>3</sup> )	1200 mg/m <sup>3</sup>
Poland	Remark (PL)	Skóra (Oznakowanie substancji notacją „skóra” oznacza, że wchłanianie substancji przez skórę może być tak samo istotne jak przy narażeniu drogą oddechową)
Poland	Regulatory reference	Dz. U. 2018 poz. 1286
Portugal	Local name	2-Propanol (isopropanol ou álcool isopropílico)
Portugal	OEL TWA (ppm)	200 ppm
Portugal	OEL STEL (ppm)	400 ppm
Slovakia	Regulatory reference	Norma Portuguesa NP 1796:2014
Romania	Local name	Alcool izopropilic/2-Propanol
Romania	OEL TWA (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Romania	OEL TWA (ppm)	81 ppm
Romania	OEL STEL (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Romania	OEL STEL (ppm)	203 ppm
Romania	Regulatory reference	Hotărârea nr. 584/2018
Slovakia	Local name	Izopropylalkohol (propán-2-ol)
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Slovakia	NPHV (priemerná) (ppm)	200 ppm
Slovakia	OEL STEL (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Slovakia	OEL STEL (ppm)	400 ppm
Slovakia	Regulatory reference	Nariadenie vlády č. 33/2018 Z.z.
Slovenia	Local name	propan-2-ol (izopropilalkohol; izopropanol)
Slovenia	OEL TWA (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Slovenia	OEL TWA (ppm)	200 ppm
Slovenia	OEL STEL (mg/m <sup>3</sup> )	2000 mg/m <sup>3</sup>
Slovenia	OEL STEL (ppm)	800 ppm
Slovenia	KTV factor SL	4
Slovenia	Regulatory reference	Uradni list RS, št. 38/2015 z dne 4.6.2015
Spain	Local name	Isopropanol (Alcohol isopropílico)
Spain	VLA-ED (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
Spain	VLA-ED (ppm)	200 ppm
Spain	VLA-EC (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup>
Spain	VLA-EC (ppm)	400 ppm
Spain	Notes	VLB® (Agente químico que tiene Valor Límite Biológico específico en este documento), s (Esta sustancia tiene prohibida total o parcialmente su comercialización y uso como fitosanitario y/o como biocida. Para una información detallada acerca de las prohibiciones consúltese: Base de datos de productos biocidas: <a href="http://www.msssi.gob.es/ciudadanos/productos.do?tipo=plaguicidas">http://www.msssi.gob.es/ciudadanos/productos.do?tipo=plaguicidas</a> Base de datos de productos fitosanitarios <a href="http://www.magrama.gob.es/agricultura/pags/fitos/registro/fichas/pdf/Lista_sa.pdf">http://www.magrama.gob.es/agricultura/pags/fitos/registro/fichas/pdf/Lista_sa.pdf</a> ).

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### Isopropanol (67-63-0)

Spain		40 mg/l Parámetro: Acetona - Medio: Orina - Momento de muestreo: Final de la semana laboral - Notas: F (Fondo. El indicador está generalmente presente en cantidades detectables en personas no expuestas laboralmente. Estos niveles de fondo están considerados en el valor VLB), I (Significa que el indicador biológico es inespecífico puesto que puede encontrarse después de la exposición a otros agentes químicos)
Spain	Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2018. INSHT
Sweden	Local name	Isopropanol
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	350 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (ppm)	150 ppm
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (ppm)	250 ppm
Sweden	Anmärkning (SE)	V (Vägledande kortidsgränsvärde ska användas som ett rekommenderat högsta värde som inte bör överskridas)
Sweden	Regulatory reference	Hygieniska gränsvärden (AFS 2018:1)
United Kingdom	Local name	Propan-2-ol
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	999 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	400 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	1250 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	500 ppm
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE
Iceland	Local name	2-Própanól (ísóprópanól, ísóprópýlalkóhól, sec-própýlalkóhól)
Iceland	OEL (8 hours ref) (mg/m <sup>3</sup> )	490 mg/m <sup>3</sup>
Iceland	OEL (8 hours ref) (ppm)	200 ppm
Iceland	Notes (IS)	H (efnið getur auðveldlega borist inn í líkamann gegnum húð)
Iceland	Regulatory reference	Reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum (Nr. 390/2009)
Norway	Local name	2-propanol (Isopropanol)
Norway	Grenseverdier (AN) (mg/m <sup>3</sup> )	245 mg/m <sup>3</sup>
Norway	Grenseverdier (AN) (ppm)	100 ppm
Norway	Regulatory reference	FOR-2018-08-21-1255
Switzerland	Local name	Isopropanol (s. 2-Propanol)
Switzerland	MAK (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup> 500 mg/m <sup>3</sup> 500 mg/m <sup>3</sup> 500 mg/m <sup>3</sup>
Switzerland	MAK (ppm)	200 ppm 200 ppm 200 ppm 200 ppm
Switzerland	KZGW (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup> 1000 mg/m <sup>3</sup> 1000 mg/m <sup>3</sup> 1000 mg/m <sup>3</sup>
Switzerland	KZGW (ppm)	400 ppm 400 ppm 400 ppm 400 ppm

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### Isopropanol (67-63-0)

Switzerland	Critical toxicity	VRS, Foie, SNC, Yeux / OAW, Leber, ZNS, Auge
Switzerland	Notation	SS <sub>c</sub> , B / SS <sub>c</sub> , B
Switzerland	Remark	B SS <sub>c</sub> - Auge & OAW, ZNS, Leber <sup>KT AN</sup> - INRS, NIOSH
Switzerland	Regulatory reference	www.suva.ch, 01.11.2018
USA - ACGIH	Local name	2-Propanol
USA - ACGIH	ACGIH TWA (ppm)	200 ppm
USA - ACGIH	ACGIH STEL (ppm)	400 ppm
USA - ACGIH	Remark (ACGIH)	Eye & URT irr; CNS impair
USA - ACGIH	Regulatory reference	ACGIH 2018

### Glycerine (56-81-5)

Belgium	Local name	Glycérine (brouillard) # Glycerine (nevel)
Belgium	Limit value (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Belgium	Regulatory reference	Koninklijk besluit/Arrêté royal 02/09/2018
Croatia	Local name	Glicerol
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Croatia	Regulatory reference	Pravilnik o izmjenama i dopunama Pravilnika o graničnim vrijednostima izloženosti opasnim tvarima pri radu i o biološkim graničnim vrijednostima (NN, br. 75/13)
Czech Republic	Local name	Glycerol, mlha
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (PEL) (ppm)	2.4 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (NPK-P) (ppm)	3.7 ppm
Czech Republic	Regulatory reference	Nařízení vlády č. 361/2007 Sb. (zpracovány změny č. 246/2018 Sb.)
Estonia	Local name	Glütseriin (glütserool, 1,2,3-propaantriool)
Estonia	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Estonia	Regulatory reference	Vabariigi Valitsuse 18. septembri 2001. a määruse nr 293 (RT I, 30.11.2011, 5)
Finland	Local name	Glyseroli
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	20 mg/m <sup>3</sup>
Finland	Regulatory reference	HTP-ARVOT 2018 (Sosiaali- ja terveystieteiden ministeriö)
France	Local name	Glycérine (aérosols de)
France	VME (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
France	Note (FR)	Valeurs recommandées/admises
France	Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)
Germany	TRGS 900 Local name	Glycerin
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup> (E)
Germany	TRGS 900 Limitation of exposure peaks	2(l)
Germany	TRGS 900 Remark	DFG;Y
Germany	TRGS 900 Regulatory reference	TRGS900
Germany	TRGS 910 Acceptable concentration notes	
Greece	Local name	Γλυκερίνη
Greece	OEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>

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### Glycerine (56-81-5)

Greece	Regulatory reference	Π.Δ. 90/1999
Poland	Local name	Glicerol
Poland	NDS (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> frakcja wdychalna
Poland	Remark (PL)	Frakcja wdychalna – frakcja aerozolu wnika <span>­</span> j <span>­</span> aca przez nos i usta, kt <span>­</span> ora po zdeponowaniu w drogach oddechowych stwarza zagro <span>­</span> zenie dla zdrowia.
Poland	Regulatory reference	Dz. U. 2018 poz. 1286
Slovakia	Local name	Glycerin
Slovakia	NPHV (priemern <span>­</span> á) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Slovakia	Regulatory reference	Nariadenie vl <span>­</span> ady <span>­</span> č. 33/2018 Z.z.
Spain	Local name	Glicerina
Spain	VLA-ED (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> nieblas
Spain	Regulatory reference	L <span>­</span> mites de Exposici <span>­</span> o <span>­</span> n Profesional para Agentes Qu <span>­</span> imicos en Espa <span>­</span> na 2018. INSHT
United Kingdom	Local name	Glycerol
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> mist
United Kingdom	Regulatory reference	EH40/2005 (Third edition, 2018). HSE
Switzerland	Local name	Glyc <span>­</span> erine / Glycerin
Switzerland	MAK (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup> (i) / (e)
Switzerland	KZGW (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup> (i) / (e)
Switzerland	Critical toxicity	VRS / OAW
Switzerland	Notation	SSc / SSc
Switzerland	Regulatory reference	www.suva.ch, 01.11.2018

### 8.2. Exposure controls

#### Eye protection:

Safety glasses with side-shields (EN 166)

#### Respiratory protection:

Not necessary with sufficient ventilation

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light yellow.
Odour	: Characteristic.
Odour threshold	: No data available
pH	: 7,5 ± 0,5 (100%)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point/range	: No data available
Freezing point	: No data available
Boiling point/Boiling range	: No data available
Flash point	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.98 - 1.2 g/l
Solubility	: Water: Soluble
Log Pow	: No data available

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Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

Never mix with other materials.

### 10.6. Hazardous decomposition products

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Tetrasodium Ethylene Diamine Tetraacetate (64-02-8)

LD50 oral rat	1780 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 1 mg/l/4h

#### Laurylethoxy(3EO)sulphate, sodium salt (68891-38-3)

LD50 oral rat	4100 ml/kg
LD50 dermal rat	> 2000 mg/kg

#### Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

LD50 oral rat	64 mg/kg
LD50 dermal rat	87.12 mg/kg
LD50 dermal rabbit	78 mg/kg
LC50 inhalation rat (mg/l)	0.33 mg/l/4h
LC50 inhalation rat (Dust/Mist - mg/l/4h)	0.33 mg/l/4h

#### Isopropanol (67-63-0)

LD50 oral rat	4570 mg/kg
LD50 dermal rabbit	13400 mg/kg
LC50 inhalation rat (mg/l)	72.6

Skin corrosion/irritation	: Causes skin irritation. pH: 7,5 ± 0,5 (100%)
Serious eye damage/irritation	: Causes serious eye damage. pH: 7,5 ± 0,5 (100%)
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

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### Isopropanol (67-63-0)

IARC group	3 - Not classifiable
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Reproductive toxicity : Not classified

STOT-single exposure : Not classified

### Laurylethoxy(3EO)sulphate, sodium salt (68891-38-3)

NOAEL (oral, rat)	> 300 mg/kg bodyweight
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STOT-repeated exposure : Not classified

### Laurylethoxy(3EO)sulphate, sodium salt (68891-38-3)

NOAEL (oral, rat, 90 days)	> 225 mg/kg bodyweight/day
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Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

### Tetrasodium Ethylene Diamine Tetraacetate (64-02-8)

LC50 fish 1	> 100 mg/l
EC50 Daphnia 1	140 mg/l
EC50 72h algae (1)	> 100 mg/l
ErC50 (algae)	> 100 mg/l
NOEC chronic fish	> 25.7 mg/l (Danio rerio)
NOEC chronic crustacea	> 25 mg/l (Daphnia magna)

### Laurylethoxy(3EO)sulphate, sodium salt (68891-38-3)

LC50 fish 1	7.1 mg/l
EC50 Daphnia 1	7.2 mg/l
EC50 72h algae (1)	27.7 mg/l
NOEC chronic crustacea	0.27 mg/l

### Sodium hydroxide (1310-73-2)

LC50 fish 1	45.5 mg/l (Oncorhynchus mykiss)
EC50 Daphnia 1	40.4 mg/l (Ceriodaphnia)

### Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

LC50 fish 1	0.19 mg/l Rainbow trout
LC50 fish 2	zonnebaars
EC50 Daphnia 1	0.16 mg/l
EC50 72h algae (1)	0.027 mg/l
ErC50 (algae)	0.003 mg/l Skeletonema costatum
ErC50 (other aquatic plants)	0.018 mg/l selenastrum capricornutum
NOEC chronic fish	0.05 mg/l
NOEC chronic crustacea	0.1 mg/l
NOEC chronic algae	0.0014 mg/l

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### Isopropanol (67-63-0)

LC50 fish 1	1 - 10 mg/l
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### 12.2. Persistence and degradability

#### Tetrasodium Ethylene Diamine Tetraacetate (64-02-8)

Persistence and degradability	Not readily biodegradable.
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#### Laurylethoxy(3EO)sulphate, sodium salt (68891-38-3)

Persistence and degradability	Readily biodegradable.
-------------------------------	------------------------

#### Sodium hydroxide (1310-73-2)

Persistence and degradability	Not applicable.
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### 12.3. Bioaccumulative potential

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Bioaccumulative potential	No bioaccumulation.
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#### Tetrasodium Ethylene Diamine Tetraacetate (64-02-8)

Bioaccumulative potential	No bioaccumulation.
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#### Sodium hydroxide (1310-73-2)

Bioaccumulative potential	No bioaccumulation.
---------------------------	---------------------

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste / unused products : Collect all waste in suitable and labelled containers and dispose according to local legislation.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA
<b>14.1. UN number</b>		
Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>		
Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>		
Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>		
Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>		
Not applicable	Not applicable	Not applicable

No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

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### Air transport

Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

Detergent Regulation : Labelling of contents:	
Component	%
anionic surfactants	5-15%
EDTA and salts thereof	<5%
METHYLCHLOROISOTHIAZOLINONE (AND) METHYLISOTHIAZOLINONE	

#### 15.1.2. National regulations

##### Germany

Reference to AwSV : Water hazard class (WGK) 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

##### Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product  
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1



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Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1A	Skin sensitisation, category 1A
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic 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.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*