

Date printed 27.02.2020, Revision 18.09.2019 Version 01 Page 1 / 13 SECTION 1: Identification of the substance/mixture and of the company/undertaking **Product identifier** 1.1 Chirol ultra Article number: REF 02110 1.2 Relevant identified uses of the substance or mixture and uses advised against 1.2.1 Relevant uses Cleaning agent 1.2.2 Uses advised against None known. Details of the supplier of the safety data sheet 1.3 Company Key Surgical GmbH Zum Windpark 1 23738 Lensahn / GERMANY Phone +49 (0)4363 905900 Fax +49 (0)4363 90590590 Homepage www.keysurgical.de E-mail info@keysurgical.de Address enquiries to **Technical information** info@keysurgical.de Safety Data Sheet sdb@chemiebuero.de 1.4 Emergency telephone number Company +49 (0)4363 905900 Mo-Fr 8:00 - 16:00 SECTION 2: Hazards identification 2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008] Skin Sens. 1: H317 May cause an allergic skin reaction. Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. Label elements 22 Hazard pictograms Signal word WARNING Contains: Orange sweetly, Extract 1,2-benzisothiazol-3(2H)-one 2-Methyl-2H-isothiazolin-3-one Mixture: 5-Chloro-2-methyl-2H-isothiazolin-3-one/2-Methyl-4-isothiazolin-3-one (3:1) Hazard statements H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects. **Precautionary statements** P280 Wear protective gloves. P333+P313 If skin irritation or rash occurs: Get medical advice / attention. P362+P364 Take off contaminated clothing and wash it before reuse. P273 Avoid release to the environment. P501 Dispose of contents/container in accordance with local/national regulation. Cleaner, 648/2004/CE, contains: 5 - <15% aliphatic hydrocarbons < 5% non-ionic surfactants preservatives BENZISOTHIAZOLINONE preservatives 2-BROMO-2-NITROPROPANE-1,3-DIOL preservatives METHYLCHLOROISOTHIAZOLINONE/METHYLISOTHIAZOLINONE (3:1) preservatives METHYLISOTHIAZOLINONE

fragrances LINALOOL fragrances LIMONENE



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### 2.3 Other hazards

Human health dangers	If swallowed or in the event of vomiting, risk of product entering the lungs.
Environmental hazards	Does not contain any PBT or vPvB substances.
Other hazards	Further hazards were not determined with the current level of knowledge.

### **SECTION 3: Composition / Information on ingredients**

#### Product-type:

3.2 The product is a mixture.

Range [%] Sub	ostance
5 - 15 Whi	ite mineral oil (petroleum)
CAS	S: 8042-47-5, EINECS/ELINCS: 232-455-8, Reg-No.: 01-2119487078-27-XXXX
GHS	S/CLP: Asp. Tox. 1: H304
1 - 5 Fatt	ty alcohol-polyglycolether
CAS	S: 68439-49-6, EINECS/ELINCS: Polymer
GHS	S/CLP: Aquatic Acute 1: H400 - Aquatic Chronic 3: H412,
M_a	acute = 1
1 - < 2,5 Ora	inge sweetly, Extract
	S: 8028-48-6, EINECS/ELINCS: 232-433-8, Reg-No.: 01-2119493353-35-XXXX
GHS H41	S/CLP: Flam. Liq. 3: H226 - Skin Irrit. 2: H315 - Skin Sens. 1: H317 - Asp. Tox. 1: H304 - Aquatic Chronic 2: I1
0,01 - < 0,02 2-M	lethyl-2H-isothiazolin-3-one
CAS	S: 2682-20-4, EINECS/ELINCS: 220-239-6, EU-INDEX: 613-326-00-9, Reg-No.: 01-2120764690-50-XXXX
	S/CLP: Acute Tox. 3: H301 H311 - Acute Tox. 2: H330 - Skin Corr. 1B: H314 - Eye Dam. 1: H318 - Skin Sens.
	H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410, acute = 10, M_chronic = 1
	-benzisothiazol-3(2H)-one
	S: 2634-33-5, EINECS/ELINCS: 220-120-9, EU-INDEX: 613-088-00-6, Reg-No.: 01-2120761540-60-XXXX S/CLP: Acute Tox. 4: H302 - Skin Irrit. 2: H315 - Skin Sens. 1: H317 - Eye Dam. 1: H318 - Aquatic Acute 1:
	30 - Aquatic Chronic 2: H411,
	acute = 1
< 0,0015 Mixt	ture: 5-Chloro-2-methyl-2H-isothiazolin-3-one/2-Methyl-4-isothiazolin-3-one (3:1)
CAS	S: 55965-84-9, EU-INDEX: 613-167-00-5
Aqu	S/CLP: Acute Tox. 3: H301 H311 H331 - Skin Corr. 1B: H314 - Eye Dam. 1: H318 - Skin Sens. 1: H317 - Jatic Acute 1: H400 - Aquatic Chronic 1: H410, acute = 1, M_chronic = 1
Comment on compone	ent parts Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%. For full text of H-statements: see SECTION 16.
ECTION 4: First aid mea	isures
1 Description of first a	aid measures
-	
General information	Take off contaminated clothing and wash before reuse.
Inholotion	Ensure supply of fresh air

Inhalation	Ensure supply of fresh air. In the event of symptoms seek medical treatment.
Skin contact	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Consult a doctor immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.



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4.2	Most important symptoms and e	ffects, both acute and delayed		
		Irritant effects		
		Allergic reactions		
4.3	Indication of any immediate med	lical attention and special treatment needed		
		Treat symptomatically.		
SEC	TION 5: Fire-fighting measures			
5.1	Extinguishing media			
	Suitable extinguishing media	Product itself is non-combustible. Fire extinguishing me considered.	thod of surrounding area	is must be
	Extinguishing media that must not be used	Full water jet.		
5.2	Special hazards arising from the	substance or mixture		
		Risk of formation of toxic pyrolysis products.		
5.3	Advice for firefighters			
5.5	Advice for firefighters	Use self-contained breathing apparatus.		
		Fire residues and contaminated firefighting water must t	ne disposed of in accord	ance within
		the local regulations.		
SEC	TION 6: Accidental release measu	Ires		
6.1	Personal precautions protective	e equipment and emergency procedures		
0.1		High risk of slipping due to leakage/spillage of product.		
		Use personal protective equipment.		
6.2	Environmental precautions			
		Prevent spread over a wide area (e.g. by containment o	r oil barriers).	
		Do not discharge into the drains/surface waters/groundw	water.	
6.3	Methods and material for contain	nment and cleaning up		
		Pick up with absorbent material (e.g. sand, sawdust, un	iversal absorbent, diator	naceous
		earth).	a autotiono	
		Dispose of absorbed material in accordance within the r	egulations.	
6.4	Reference to other sections			
		See SECTION 8+13		
SEC	TION 7: Handling and storage			
7.1	Precautions for safe handling			
	-	The normal safety precautions for handling chemicals m	nust be observed.	
		Do not eat, drink, smoke or take drugs at work.		
		Wash hands before breaks and after work.		
		Use barrier skin cream. Take off contaminated clothing and wash before reuse.		
		-		
7.2	Conditions for safe storage, incl			
		Keep only in original container. Prevent penetration into the ground.		
		Do not store together with food and animal food/diet.		
		Keep container tightly closed.		
		Keep away from frost.		
		Protect from heat/overheating and from sun.		



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7.3 Specific end use(s)

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See product use, SECTION 1.2

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### **SECTION 8: Exposure controls / personal protection**

### 8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance
White mineral oil (petroleum)
CAS: 8042-47-5, EINECS/ELINCS: 232-455-8, Reg-No.: 01-2119487078-27-XXXX
Long-term exposure: 5 mg/m <sup>3</sup> , oil mist TWA, ACGIH

#### DNEL

Substance	
Orange sw	veetly, Extract, CAS: 8028-48-6
Industrial,	dermal, Acute - local effects: 0,1858 mg/cm <sup>2</sup> .
Industrial,	dermal, Long-term - systemic effects: 8,89 mg/kg bw/d.
Industrial, i	inhalative, Long-term - systemic effects: 31,1 mg/m <sup>3</sup> .
general po	pulation, oral, Long-term - systemic effects: 4,44 mg/kg bw/d.
general po	pulation, dermal, Long-term - systemic effects: 4,44 mg/kg bw/d.
general po	pulation, inhalative, Long-term - systemic effects: 7,78 mg/m <sup>3</sup> .
general po	pulation, dermal, Acute - local effects: 0,0929 mg/cm <sup>2</sup> .
White mine	eral oil (petroleum), CAS: 8042-47-5
Industrial, i	inhalative, Long-term - systemic effects: 160 mg/m <sup>3</sup> .
Industrial,	dermal, Long-term - systemic effects: 220 mg/kg kg/d.
general po	pulation, inhalative, Long-term - systemic effects: 35 mg/m <sup>3</sup> .
general po	pulation, dermal, Long-term - systemic effects: 93 mg/kg bw/day.
general po	pulation, oral, Long-term - systemic effects: 40 mg/kg bw/day.
2-Methyl-2	H-isothiazolin-3-one, CAS: 2682-20-4
Industrial, i	inhalative, Long-term - local effects: 21 μg/m <sup>3</sup> .
Industrial, i	inhalative, Acute - local effects: 43 μg/m <sup>3</sup> .
general po	pulation, inhalative, Long-term - local effects: 21 µg/m <sup>3</sup> .
general po	pulation, inhalative, Acute - local effects: 43 µg/m <sup>3</sup> .
general po	pulation, oral, Long-term - systemic effects: 27 μg/kg bw/day.
general po	pulation, oral, Acute - systemic effects: 53 µg/kg bw/day.
1,2-benzis	othiazol-3(2H)-one, CAS: 2634-33-5
Industrial,	dermal, Long-term - systemic effects: 0,966 mg/kg bw/day.
Industrial, i	inhalative, Long-term - systemic effects: 6,81 mg/m <sup>3</sup> .
general po	pulation, dermal, Long-term - systemic effects: 0,345 mg/kg bw/day.
general po	pulation, inhalative, Long-term - systemic effects: 1,2 mg/m <sup>3</sup> .

#### PNEC

Substance	
Orange sweetly, Extract, CAS: 8028-48-6	
seawater, 0,54 µg/L.	
sediment (freshwater), 1,3 mg/kg dwt	
sediment (seawater), 0,13 mg/kg dwt	
soil, 0,261 mg/kg dwt	
freshwater, 5,4 µg/L.	
sewage treatment plants (STP), 2,1 mg/l.	
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4	
sewage treatment plants (STP), 230 µg/L.	



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seawater, 3,39 µg/L.	
freshwater, 3,39 µg/L.	
soil, 47 µg/kg soil dw.	
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5	
sewage treatment plants (STP), 1,03 mg/L.	
seawater, 0,403 µg/L.	
sediment (freshwater), 49,9 µg/kg sediment dw.	
sediment (seawater), 4,99 µg/kg sediment dw.	
soil, 3 mg/kg soil dw.	
freshwater, 4,03 µg/L.	

### 8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	0,4mm Butyl rubber, >120 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	Protective clothing (EN 340)
Other	Avoid contact with eyes and skin. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
Respiratory protection	In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, combination filter A-P2. (DIN EN 14387)
Thermal hazards	none
Delimitation and monitoring of the environmental exposition	Protect the environment by applying appropriate control measures to prevent or limit emissions.

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#### **SECTION 9: Physical and chemical properties** 9.1 Information on basic physical and chemical properties Form liquid Color white Odor characteristic **Odour threshold** not applicable pH-value 7 pH-value [1%] not determined Boiling point [°C] not determined Flash point [°C] not applicable Flammability (solid, gas) [°C] not applicable Lower explosion limit not applicable **Upper explosion limit** not applicable **Oxidising properties** no Vapour pressure/gas pressure [kPa] not determined Density [g/ml] 1,12 (20 °C / 68,0 °F) Bulk density [kg/m<sup>3</sup>] not applicable Solubility in water miscible Partition coefficient [n-octanol/water] not determined Viscosity > 20,5 mm/s 40°C Relative vapour density determined not determined in air **Evaporation speed** not determined not determined Melting point [°C] Autoignition temperature [°C] not applicable Decomposition temperature [°C] not applicable

### 9.2 Other information

none

### SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reactions known if used as directed.

#### 10.2 Chemical stability

The product is stable under standard conditions.

#### 10.3 Possibility of hazardous reactions

Reactions with oxidizing agents.

### 10.4 Conditions to avoid

See SECTION 7.2.

#### 10.5 Incompatible materials

Oxidizing agent

#### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

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## **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

### Acute toxicity

Product	
ATE-mix, inhalation (vapour ), > 20 mg/l 4h.	
ATE-mix, dermal, > 2000 mg/kg.	
ATE-mix, oral, > 2000 mg/kg.	

Substance
Drange sweetly, Extract, CAS: 8028-48-6
_D50, oral, Rat: > 5000 mg/kg.
_D50, dermal, Rabbit: > 5000 mg/kg.
Fatty alcohol-polyglycolether, CAS: 68439-49-6
_D50, oral, > 2000 mg/kg.
Nhite mineral oil (petroleum), CAS: 8042-47-5
_D50, dermal, Rabbit: >2000 mg/kg (OECD 402).
_D50, oral, Rat: >5000 mg/kg (OECD 401).
-C50, inhalative, Rat: >5000 mg/m³ (4h) (OECD 403).
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LD50, dermal, Rat: 242 mg/kg bw.
LD50, oral, Rat: 120 mg/kg bw.
-C50, inhalative, Rat: 340 μg/m³.
Mixture: 5-Chloro-2-methyl-2H-isothiazolin-3-one/2-Methyl-4-isothiazolin-3-one (3:1), CAS: 55965-84-9
LD50, dermal, Rabbit: 87,12 mg/kg (ECHA, CLH Report).
LD50, oral, 64 mg/kg (ECHA, CLH Report).
LD50, oral, Rat: 53 mg/kg.
LC50, inhalative, Rat: 0,171 mg/l/4h (ECHA, CLH Report).
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
_D50, dermal, Rat: >2000 mg/kg bw (OECD 402).
_D50, oral, Rat: 670 mg/kg bw (OECD 401).

Serious eye damage/irritation	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Skin corrosion/irritation	Based on available data, the classification criteria are not met. Toxicological data of complete product are not available.
Respiratory or skin sensitisation	May cause an allergic skin reaction. Based on the available information, the classification criteria are fulfilled. Toxicological data of complete product are not available. Calculation method
Specific target organ toxicity — single exposure	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Specific target organ toxicity — repeated exposure	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Mutagenicity	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Reproduction toxicity	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.
Carcinogenicity	Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled.



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	Toxicological data of complete product are not available.		
Aspiration hazard	Based on the available information, the classification criteri	a are not fulfilled.	
General remarks			
	none		
SECTION 42. Ecological information			

### **SECTION 12:** Ecological information

### 12.1 Toxicity

Substance
Orange sweetly, Extract, CAS: 8028-48-6
LC50, (96h), Pimephales promelas: 0,7 mg/l (OECD 203).
EC50, (48h), Daphnia magna: 0,67 mg/l (OECD 202).
ErC50, (72h), Desmodesmus subspicatus: 150 mg/l (OECD 201).
Fatty alcohol-polyglycolether, CAS: 68439-49-6
LC50, fish: 2,8 mg/l.
EC50, Algae: 0,79 mg/l.
NOEC, Algae: 0,15 mg/l.
White mineral oil (petroleum), CAS: 8042-47-5
LC50, (96h), Leuciscus idus: >1000 mg/l (OECD 203).
NOEC, (21d), Daphnia sp.: >= 1000 mg/l.
NOEC, (28d), fish: >= 1000 mg/l.
LL50, (48h), Daphnia magna: >100 mg/l (OECD 202).
NOEL, (72h), Algae: >=100 mg/l (OECD 201).
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4
LC50, (96h), fish: 4,77 mg/L.
EC50, (48h), Invertebrates: 934 µg/L.
EC50, (96h), Algae: 72 µg/L.
Mixture: 5-Chloro-2-methyl-2H-isothiazolin-3-one/2-Methyl-4-isothiazolin-3-one (3:1), CAS: 55965-84-9
LC50, (96h), Oncorhynchus mykiss: 0,19 mg/l.
EC50, (48h), Daphnia magna: 0,18 mg/l.
ErC50, Skeletonema costatum: 0,003 mg/l.
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LC50, (96h), fish: 16,7 mg/L (EPA 540/9-85-006).
EC50, (48h), Daphnia magna: 2,94 mg/L (OECD 202).
NOEC, (72h), Pseudokirchneriella subcapitata: 55 µg/L (OECD 201).

### 12.2 Persistence and degradability

Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	The surfactants contained in this preparation 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.

### 12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

### 12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.



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12.5 Results of PBT and vPvB assessment

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Based on all available information not to be classified as PBT or vPvB respectively.

#### 12.6 Other adverse effects

None known.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

	Product	
		Dispose of as hazardous waste. For recycling, consult manufacturer.
	Waste no. (recommended)	200129*
	Contaminated packaging	
		Packaging that cannot be cleaned should be disposed of as for product. Uncontaminated packaging may be taken for recycling.
	Waste no. (recommended)	150110*
SEC	TION 14: Transport information	
14.1	UN number	
	Transport by land according to ADR/RID	not applicable
	Inland navigation (ADN)	not applicable
	Marine transport in accordance with IMDG	not applicable
	Air transport in accordance with IATA	not applicable
14.2	UN proper shipping name	
	Transport by land according to ADR/RID	NO DANGEROUS GOODS
	Inland navigation (ADN)	NO DANGEROUS GOODS
	Marine transport in accordance with IMDG	NOT CLASSIFIED AS "DANGEROUS GOODS"
	Air transport in accordance with IATA	NOT CLASSIFIED AS "DANGEROUS GOODS"

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14.3	Transport hazard class(es) Transport by land according to ADR/RID	not applicable
	Inland navigation (ADN)	not applicable
	Marine transport in accordance with IMDG	not applicable
	Air transport in accordance with IATA	not applicable
14.4	Packing group Transport by land according to ADR/RID	not applicable
	Inland navigation (ADN)	not applicable
	Marine transport in accordance with IMDG	not applicable
	Air transport in accordance with IATA	not applicable
14.5	Environmental hazards Transport by land according to ADR/RID	no
	Inland navigation (ADN)	no
	Marine transport in accordance with IMDG	no
	Air transport in accordance with IATA	no
14.6	Special precautions for user	
	Relevant information under SECTION 6 t	o 8.

### 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           EEC-REGULATIONS         2008/98/EC 2000/532/EC); 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014	
	TRANSPORT-REGULATIONS	ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2020)
	NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011).
	- Observe employment restrictions for people	Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
	- VOC (2010/75/CE)	2 %
15.2	Chemical safety assessment	

not applicable

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### SECTION 16: Other information

# 16.1 Hazard statements (SECTION 03)

	H330 Fatal if inhaled.
	H301+H311 Toxic if swallowed or in contact with skin.
	H410 Very toxic to aquatic life with long lasting effects. H314 Causes severe skin burns and eye damage.
	H301+H311+H331 Toxic if swallowed, in contact with skin or if inhaled.
	H318 Causes serious eye damage.
	H302 Harmful if swallowed. H411 Toxic to aquatic life with long lasting effects.
	H317 May cause an allergic skin reaction.
	H315 Causes skin irritation.
	H226 Flammable liquid and vapour. H400 Very toxic to aquatic life.
	H412 Harmful to aquatic life with long lasting effects.
	H304 May be fatal if swallowed and enters airways.
16.2 Abbreviations and acronyms:	
	ADR = Accord européen relatif au transport international des marchandises Dangereuses par
	Route RID = Règlement concernant le transport international ferroviaire de marchandises
	dangereuses
	ADN = Accord européen relatif au transport international des marchandises dangereuses par
	voie de navigation intérieure ATE = acute toxicity estimate
	CAS = Chemical Abstracts Service
	CLP = Classification, Labelling and Packaging
	DMEL = Derived Minimum Effect Level DNEL = Derived No Effect Level
	EC50 = Median effective concentration
	ECB = European Chemicals Bureau
	EEC = European Economic Community EINECS = European Inventory of Existing Commercial Chemical Substances
	EL50 = Median effective loading
	ELINCS = European List of Notified Chemical Substances
	EmS = Emergency Schedules GHS = Globally Harmonized System of Classification and Labelling of Chemicals
	IATA = International Air Transport Association
	IBC-Code = International Code for the Construction and Equipment of Ships carrying
	Dangerous Chemicals in Bulk IC50 = Inhibition concentration, 50%
	IMDG = International Maritime Code for Dangerous Goods
	IUCLID = International Uniform ChemicaL Information Database
	LC50 = Lethal concentration, 50% LD50 = Median lethal dose
	LC0 = lethal concentration, 0%
	LOAEL = lowest-observed-adverse-effect level
	LL50 = Median lethal loading LQ = Limited Quantities
	MARPOL = International Convention for the Prevention of Marine Pollution from Ships
	NOAEL = No Observed Adverse Effect Level
	NOEC = No Observed Effect Concentration PBT = Persistent, Bioaccumulative and Toxic substance
	PNEC = Predicted No-Effect Concentration
	REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
	STP = Sewage Treatment Plant TLV®/TWA = Threshold limit value – time-weighted average
	TLV®STEL = Threshold limit value – short-time exposure limit
	VOC = Volatile Organic Compounds
	vPvB = very Persistent and very Bioaccumulative
16.3 Other information	
Classification procedure	Skin Sens. 1: H317 May cause an allergic skin reaction. (Calculation method) Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)
Modified position	none





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