

Trade name: Disinfectant solution, not ready to use

Current version : 5.1.0, issued: 15.07.2019

Replaced version: 5.0.2, issued: 20.09.2018

Region: GB

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

1.1 Product identifier Trade name

Disinfectant solution, not ready to use

Order No. 0201-0003-001

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

Relevant identified uses of the substance or mixture Disinfection of the flowing system for BIOSEN Glucose- and Lactate analyzers Uses advised against No data available.

1.3 Details of the supplier of the safety data sheet

Address

EKF-diagnostic GmbH Ebendorfer Chaussee 3 39179 Barleben Germany

Telephone no.+49(0)39203511-0Fax no.+49(0)39203511-171

Information provided by / telephone

Telephone number +49(0)39203511-0

Advice on Safety Data Sheet support@ekf-diagnostic.de

1.4 Emergency telephone number

For medical advice (in German and English): +49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Acute Tox. 2; H330 Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 2; H411 Carc. 1B; H350 Eye Dam. 1; H318 Flam. Liq. 3; H226 Muta. 2; H341 Resp. Sens. 1; H314 Skin Corr. 1B; H314 Skin Sens. 1; H317 Skin Sens. 1A; H317 STOT SE 3; H335

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements



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

Hazard pictograms		
GHS02	GHS05 GHS06 GHS08 GHS09	
Signal word Danger		
-	ent(s) to be indicated on label:	
formaldehyde	and the failer of the second burgers to be a first	
(ethylenedioxy)dimet	iyl), .alphatridecylomegahydroxy-, branched	
Glutaral		
	iyl), .alphaoctylomegahydroxy-	
Hazard statement(s)		
H226 H302	Flammable liquid and vapour.	
H302 H314	Harmful if swallowed. Causes severe skin burns and eye damage.	
H317	May cause an allergic skin reaction.	
H330	Fatal if inhaled.	
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
H335	May cause respiratory irritation.	
H341	Suspected of causing genetic defects	
H350	May cause cancer	
H410	Very toxic to aquatic life with long lasting effects.	
Precautionary state		
P201	Obtain special instructions before use.	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition source	ces
. 2.10	smoking.	000.
P264	Wash thoroughly after handling.	
P273	Avoid release to the environment.	
P280	Wear protective gloves/protective clothing/eye protection.	
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin	wit
	water [or shower].	
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact le	ense
	present and easy to do. Continue rinsing.	
P308+P313	IF exposed or concerned: Get medical advice/attention.	
P310	Immediately call a POISON CENTER/doctor.	
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor.	
P370+P378	In case of fire: Use water spray, extinguishing powder, foam or CO2 to extinguis	sh.
P391	Collect spillage.	
P501	Dispose of contents/container to a facility in accordance with local and national regulations.	
	าธิรูนเฉแบบเอ.	

"Restricted to professional users"

2.3 Other hazards

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances



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Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization aqueous solution

Hazardous ingredients

No	Substance name			Additional information		
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Conce	ntration		%
1	formaldehyde					
	50-00-0 200-001-8 605-001-00-5 01-2119488953-20	Acute Tox. 3; H301 Acute Tox. 3; H311 Acute Tox. 3; H331 Skin Corr. 1B; H314	>=	5.00 - <	10.00	%-b.w.
		Eye Dam. 1; H318 Skin Sens. 1A; H317 Muta. 2; H341 Carc. 1B; H350				
2	propan-2-ol					
	67-63-0 200-661-7 603-117-00-0 01-2119457558-25	Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H336	>=	5.00 - <	10.00	%-b.w.
3	Poly(oxy-1,2-ethan	ediyl), .alphatridecylomegahydroxy-,				
	branched					
	69011-36-5 - - -	Eye Dam. 1; H318 Aquatic Chronic 3; H412	>=	5.00 - <	10.00	%-b.w.
4	(ethylenedioxy)dim	ethanol				
	3586-55-8 222-720-6 - 01-2120733841-56	Acute Tox. 4; H302 Eye Dam. 1; H318 Skin Irrit. 2; H315	>=	5.00 - <	10.00	%-b.w.
5	Glutaral					
	111-30-8 203-856-5 605-022-00-X 01-2119455549-26	Acute Tox. 3; H301 Acute Tox. 1; H330 Aquatic Acute 1; H400 Resp. Sens. 1; H334 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Chronic 2; H411 STOT SE 3; H335	>=	5.00 - <	10.00	%-b.w.
6		ediyl), .alphaoctylomegahydroxy-				
	27252-75-1 - -	Eye Dam. 1; H318	>=	5.00 - <	10.00	%-b.w.
7	[[(2-hydroxyethyl)ir	nino]bis(methylene)]bisphosphonic acid				
	5995-42-6 227-833-4 - -	Skin Corr. 1A; H314	<	5.00		%-b.w.
8	didecyldimethylam	monium-chloride				
	7173-51-5 230-525-2 612-131-00-6 01-2119945987-15		<	2.50		%-b.w.
9	Quaternary ammon numbered)-alkyldin	ium compounds, benzyl C12-C16 (even nethyl chlorides				



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- 939-253-5 - 01-2119965180-41	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Eye Dam. 1; H318 Skin Corr. 1B; H314		<	2.50	%-b.w.	

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	B,D	Skin Irrit. 2; H315: C >= 5% STOT SE 3; H335: C >= 5% Eye Irrit. 2; H319: C >= 5% Skin Corr. 1B; H314: C >= 25%	-	-
5	-	STOT SE 3; H335: C >= 0.5%	-	-
8	-	-	M = 10	M = 1
9	-	-	M = 10	-

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

After inhalation

Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

After ingestion

Rinse out mouth and give plenty of water to drink. Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed No data available.

4.3 Indication of any immediate medical attention and special treatment needed No data available.

SECTION 5: Firefighting measures

5.1 **Extinguishing media**

Suitable extinguishing media

Carbon dioxide; Extinguishing powder; Water spray jet; Alcohol-resistant foam; Sand

Unsuitable extinguishing media High power water jet

5.2 Special hazards arising from the substance or mixture In the event of fire, the following can be released: Carbon dioxide (CO2); Carbon monoxide (CO)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures For non-emergency personnel



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Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not allow to enter drains or waterways. Do not discharge into surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g., sand, sawdust, general-purpose binder). Send in suitable containers for recovery or disposal.

6.4 Reference to other sections

Information regarding safe handling, see chapter 7. Information regarding personal protective measures, see chapter 8. Information regarding waste disposal, see chapter 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Provide good ventilation at the work area (local exhaust ventilation, if necessary).

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work. Avoid contact with eyes and skin.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed in a well-ventilated place. Keep from freezing.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

Do not store together with foodstuffs.

Incompatible products

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.		EC no.	
1	formaldehyde	50-00-0		200-001-	8
	List of approved workplace exposure limits (WE	ELs) / EH40			
	Formaldehyde				
	WEL short-term (15 min reference period)	2.5	mg/m³	2	ppm
	WEL long-term (8-hr TWA reference period)	2.5	mg/m³	2	ppm
2	propan-2-ol	67-63-0		200-661-	7
	List of approved workplace exposure limits (WELs) / EH40				
	Propan-2-ol				
	WEL short-term (15 min reference period)	1250	mg/m³	500	ppm
	WEL long-term (8-hr TWA reference period)	999	mg/m³	400	ppm
3	Glutaral	111-30-8		203-856-	5
	List of approved workplace exposure limits (WELs) / EH40				
	Glutaraldehyde				
	WEL short-term (15 min reference period)	0.2	mg/m³	0.05	ppm



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WEL long-term (8-hr TWA reference period)	0.2	mg/m³	0.05	ppm
Comments	Sen			

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC n	0
	Route of exposure	Exposure time	Effect	Value	
1	formaldehyde			50-00-0	
				200-001-8	
	dermal	Long term (chronic)	systemic	240	mg/kg
	dermal	Long term (chronic)	local	0.037	mg/cm²
	inhalative	Short term (acut)	local	0.75	mg/m³
	inhalative	Long term (chronic)	systemic	9	mg/m³
	inhalative	Long term (chronic)	local	0.375	mg/m³
2	propan-2-ol			67-63-0	
				200-661-7	
	dermal	Long term (chronic)	systemic	888	mg/kg/day
	inhalative	Long term (chronic)	systemic	500	mg/m³
3	(ethylenedioxy)dimethanol			3586-55-8	
				222-720-6	
	dermal	Long term (chronic)	systemic	0.82	mg/kg/day
	dermal	Short term (acut)	systemic	0.82	mg/kg/day
	dermal	Long term (chronic)	local	0.12	mg/cm ²
	inhalative	Long term (chronic)	systemic	1.45	mg/m³
	inhalative	Long term (chronic)	local	0.12	mg/m³
	inhalative	Short term (acut)	systemic	1.45	mg/m³
	inhalative	Short term (acut)	local	0.12	mg/m³
4	Glutaral			111-30-8	
				203-856-5	
	dermal	Long term (chronic)	systemic	6.25	mg/kg/day
	inhalative	Long term (chronic)	local	0.21	mg/m³
	inhalative	Short term (acut)	local	0.42	mg/m³
5		compounds, benzyl C12-0	C16 (even numbered)-	-	
	alkyldimethyl chlorides			939-253-5	
	dermal	Long term (chronic)	systemic	5.7	mg/kg/day
	inhalative	Long term (chronic)	systemic	3.96	mg/m³

DNEL value (consumer)

No	Substance name			CAS / EC	no
	Route of exposure	Exposure time	Effect	Value	
1	formaldehyde	· ·		50-00-0 200-001-8	
	oral	Long term (chronic)	systemic	4.1	mg/kg
	dermal	Long term (chronic)	systemic	102	mg/kg
	dermal	Long term (chronic)	local	0.012	mg/cm ²
	inhalative	Long term (chronic)	systemic	3.2	mg/m³
	inhalative	Long term (chronic)	local	0.1	mg/m³
2	propan-2-ol			67-63-0 200-661-7	
	oral	Long term (chronic)	systemic	26	mg/kg/day
	dermal	Long term (chronic)	systemic	319	mg/kg/day
	inhalative	Long term (chronic)	systemic	89	mg/m ³
5	(ethylenedioxy)dimethar	nol		3586-55-8 222-720-6	
	oral	Long term (chronic)	systemic	0.82	mg/kg/day
	oral	Short term (acut)	systemic	0.82	mg/kg/day
	inhalative	Long term (chronic)	systemic	1.45	mg/m ³
ŀ	Quaternary ammonium compounds, benzyl C12-C16 (even numbered)- alkyldimethyl chlorides			- 939-253-5	



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	oral	Long term (chronic		3.4	mg/kg/day
	dermal	Long term (chronic		3.4	mg/kg/day
	inhalative	Long term (chronic	systemic	1.64	mg/m³
	PNEC values				
ο	Substance name			CAS / EC r	10
	ecological compartme	ent Type	9	Value	
	formaldehyde			50-00-0	
				200-001-8	
	water		n water	0.44	mg/L
	water		ne water	0.44	mg/L
	water		n water sediment	2.3	mg/L
	water		ne water sediment	2.3	mg/L
	water	Aqua	a intermittent	4.44	mg/L
	soil	-		0.2	mg/L
	sewage treatment plan	t -		0.19 67-63-0	mg/L
	propan-2-ol			200-661-7	
	water	freet	water	140.9	mg/L
	water		ne water	140.9	mg/L
	water		n water sediment	552	mg/L
	water		ne water sediment	552	mg/L
	water		a intermittent	140.9	····ə· =
	soil	-		28	mg/kg
	sewage treatment plan	t -		2251	mg/L
	secondary poisoning	-		160	mg/kg
	with reference to: food				X X
3	(ethylenedioxy)dimethanol			3586-55-8 222-720-6	
	water	fresh	n water	0.49	mg/L
	water		ne water	0.049	mg/L
	water	frest	n water sediment	2.54	mg/kg dry weight
	water	mari	ne water sediment	0.254	mg/kg dry weight
	soil	-		0.22	mg/kg dry weight
	sewage treatment plan	t -		1.7	mg/L
1	Glutaral			111-30-8 203-856-5	
	water	fresh	n water	0.003	mg/L
	water	mari	ne water	0	mg/L
	water	Aqua	a intermittent	0.006	mg/L
	water	fresh	n water sediment	0.091	mg/kg dry weight
	water	mari	ne water sediment	0.009	mg/kg dry weight
	soil	-		0.18	mg/kg dry weight
	sewage treatment plan			0.8	mg/L
5	Quaternary ammoniu alkyldimethyl chloride		C12-C16 (even numbered)	 939-253-5	
	water		n water	0.001	mg/L
	water	mari	ne water	0.001	mg/L
	water		a intermittent	0	mg/L
	water	frest	n water sediment	12.27	mg/kg dry weight
	water	mari	ne water sediment	13.09	mg/kg dry weight



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soil	-	7	mg/kg dry weight
sewage treatment plant	-	0.4	mg/L

8.2 Exposure controls

Appropriate engineering controls No data available.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Tightly fitting safety glasses (EN 166).

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material	0	nitrile rubber		
Material thickness			0.1	mm
Breakthrough time		>	480	min
Other				

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour					
liquid					
blue					
Odour					
characteristic					
Odour threshold					
No data available					
pH value					
Value		4			
Reference temperature		20	°C		
Source	supplier				
Boiling point / boiling range					
Value		100	C		
Source	supplier				
Melting point / melting range					
not determined					
not determined					
Decomposition point / decomposition range					
No data available					
Flash point					
Value		46	C		
Method	DIN 51755				



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Source	supplier				
Auto-ignition temperature					
Source	supplier				
Comments	Product is n	ot selfigniting.			
Oxidising properties					
No data available					
Explosive properties					
No data available					
Flammability (solid, gas)					
No data available					
Lower flammability or explosive limits					
No data available					
Upper flammability or explosive limits					
No data available					
Vapour pressure No data available					
Vapour density					
No data available					
Evaporation rate					
No data available					
Relative density					
No data available					
Density					
Value		1.04	g/cm ³		
Reference temperature		20	õ		
Source	supplier				
Solubility in water					
Source	supplier				
Comments	soluble				
Solubility(ies)					
No data available					
Partition coefficient: n-octanol/water					
No Substance name		CAS no.		EC no.	
1 formaldehyde		50-00-0		200-001-8	
log Pow			0.35		
Reference temperature			25	°C	
Source 2 propan-2-ol	ECHA	67-63-0		200-661-7	
log Pow		07-03-0	0.05	200-001-7	
Reference temperature			25	°C	
Source	ECHA				
3 (ethylenedioxy)dimethanol		3586-55-8		222-720-6	
log Pow Method			0.35		
Method Source	OECD 107 ECHA				
4 Quaternary ammonium compound		-		939-253-5	
(even numbered)-alkyldimethyl chl					
log Pow			2.75		
Method	OECD 107 ECHA				
Source					



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No data available

9.2 Other information

Other information No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Dangerous reactions are not expected if the product is handled according to its intended use.

- **10.2 Chemical stability** Stable under recommended storage and handling conditions (See section 7).
- **10.3 Possibility of hazardous reactions** No data available.
- **10.4 Conditions to avoid** Protect from heat and direct sunlight.
- **10.5** Incompatible materials Amines; anionic surfactants
- **10.6 Hazardous decomposition products** Possibility of splitting-off of small amounts of formaldehyde

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acu	Acute oral toxicity (result of the ATE calculation for the mixture)				
No	Product Name				
1	Disinfectant solution, not ready to use				
	Order No. 0201-0003-001				
ATE	(Mixture)	602.04			
Meth	nod	Calculation method according Regulation (EC) No 1272/2008,			
		(CLP), annex I, part 3, section 3.1.3.6.			

Acu	te oral toxicity				
No	Substance name		CAS no.		EC no.
1	propan-2-ol		67-63-0		200-661-7
LD5	0			5840	mg/kg bodyweight
Spee	cies	rat			
Meth	nod	OECD 401			
Sour	rce	ECHA			
Eval	uation/classification		ailable data, the	e classification	n criteria are not met.
2	Poly(oxy-1,2-ethanediyl), .alphatridecyl-	.omega	69011-36-5		-
	hydroxy-, branched				
LD5	0	>		300	mg/kg bodyweight
Spee	cies	rat			
Sour	rce	supplier			
3	Glutaral		111-30-8		203-856-5
LD5	0			200	mg/kg bodyweight
Spee	cies	rat			
Sour		supplier			
4	didecyldimethylammonium-chloride	-	7173-51-5		230-525-2
LD5	0			238	mg/kg bodyweight
Spee	cies	rat			
Meth	nod	OECD 401			
Sour	rce	supplier			
5	Quaternary ammonium compounds, ben	zyl C12-C16	-		939-253-5
	(even numbered)-alkyldimethyl chlorides	5			



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LD50			795	mg/kg bodyweight
Species	rat		100	ing/itg body weight
Method	OECD 401			
Source	ECHA			
Acute dermal toxicity (result of the ATE ca	alculation for the	mixture)		
No Product Name				
1 Disinfectant solution, not ready to us Order No. 0201-0003-001	e			
Comments	European Re Part 3 of Ann labelling of th	gulation (EC) ex I is outside	1272/2008 the values ording to tab	thod according to the (CLP), Paragraph 3.1.3.6, that imply a classification / ole 3.1.1 defining the 000 mg/kg).
Acute dermal toxicity				
No Substance name		CAS no.		EC no.
1 (ethylenedioxy)dimethanol		3586-55-8		222-720-6
LD50	>		2000	mg/kg bodyweight
Species	rabbit			
Method	OECD 402			
Source	ECHA	444 20 0		202.050.5
2 Glutaral		111-30-8	4740	203-856-5
LD50	rabbit		1749	mg/kg bodyweight
Species Source				
	supplier	7173-51-5		230-525-2
		/1/3-51-5		
			0040	
LD50	rabbit		3342	mg/kg bodyweight
Species Source	rabbit supplier benzyl C12-C16		3342	mg/kg bodyweight 939-253-5
Species Source	supplier benzyl C12-C16		3342 3412	939-253-5
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA	870.1200	3412	939-253-5
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the A	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA	870.1200	3412	939-253-5
Species Source 4 Quaternary ammonium compounds, I 4 (even numbered)-alkyldimethyl chlori LD50 Species Species Method Source Source Acute inhalational toxicity (result of the ATINO No Product Name 1 Disinfectant solution, not ready to us	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation fo	870.1200	3412	939-253-5
Species Source 4 Quaternary ammonium compounds, I 4 (even numbered)-alkyldimethyl chlori LD50 Species Species Method Source Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation fo	870.1200	3412	939-253-5
Species Source 4 Quaternary ammonium compounds, I 4 (even numbered)-alkyldimethyl chlori LD50 Species Species Method Source Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture)	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation fo ie 0.5093	870.1200	3412	939-253-5
Species Source 4 Quaternary ammonium compounds, I 4 (even numbered)-alkyldimethyl chlori LD50 Species Species Method Source Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation fo se 0.5093 Vapour Calculation m	870.1200 or the mixture	3412)	939-253-5
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation fo se 0.5093 Vapour Calculation m	870.1200 or the mixture nethod accord	3412)	939-253-5 mg/kg bodyweight ion (EC) No 1272/2008,
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method Acute inhalational toxicity No Substance name	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation fo se 0.5093 Vapour Calculation m	870.1200 or the mixture nethod accord (1, part 3, section CAS no.	3412)	939-253-5 mg/kg bodyweight ion (EC) No 1272/2008, EC no.
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method Acute inhalational toxicity No Substance name 1 formaldehyde	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation for se 0.5093 Vapour Calculation rr (CLP), annex	870.1200 or the mixture nethod accord	3412) ling Regulat	939-253-5 mg/kg bodyweight ion (EC) No 1272/2008, EC no. 200-001-8
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method Acute inhalational toxicity No Substance name 1 formaldehyde LC50	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation fo se 0.5093 Vapour Calculation m	870.1200 or the mixture nethod accord (1, part 3, section CAS no.	3412) ing Regulat ion 3.1.3.6. 0.56	939-253-5 mg/kg bodyweight ion (EC) No 1272/2008, EC no. 200-001-8 mg/l
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method Acute inhalational toxicity No Substance name 1 formaldehyde LC50 Duration of exposure	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation for te 0.5093 Vapour Calculation rr (CLP), annex	870.1200 or the mixture nethod accord (1, part 3, section CAS no.	3412) ling Regulat	mg/kg bodyweight ion (EC) No 1272/2008, EC no. 200-001-8
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method Acute inhalational toxicity No Substance name 1 formaldehyde LC50 Duration of exposure State of aggregation	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation for te 0.5093 Vapour Calculation m (CLP), annex	870.1200 or the mixture nethod accord (1, part 3, section CAS no.	3412) ing Regulat ion 3.1.3.6. 0.56	939-253-5 mg/kg bodyweight ion (EC) No 1272/2008, EC no. 200-001-8 mg/l
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method Acute inhalational toxicity No Substance name 1 formaldehyde LC50 Duration of exposure State of aggregation Species	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation for te 0.5093 Vapour Calculation rr (CLP), annex	870.1200 or the mixture nethod accord (1, part 3, section CAS no.	3412) ing Regulat ion 3.1.3.6. 0.56	939-253-5 mg/kg bodyweight ion (EC) No 1272/2008, EC no. 200-001-8 mg/l
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method Acute inhalational toxicity No Substance name 1 formaldehyde LC50 Duration of exposure State of aggregation Species Method Species	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation for te 0.5093 Vapour Calculation rr (CLP), annex	870.1200 or the mixture nethod accord (1, part 3, section CAS no.	3412) ing Regulat ion 3.1.3.6. 0.56	939-253-5 mg/kg bodyweight ion (EC) No 1272/2008, EC no. 200-001-8 mg/l
Species Source 4 Quaternary ammonium compounds, I 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method Acute inhalational toxicity No Substance name 1 formaldehyde LC50 Duration of exposure State of aggregation Species Method Substance name	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation for te 0.5093 Vapour Calculation rr (CLP), annex	870.1200 or the mixture nethod accord cl, part 3, secti CAS no. 50-00-0	3412) ing Regulat ion 3.1.3.6. 0.56	939-253-5 mg/kg bodyweight ion (EC) No 1272/2008, EC no. 200-001-8 mg/l h
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method Acute inhalational toxicity No Substance name 1 formaldehyde LC50 Duration of exposure State of aggregation Species Method Source 2 propan-2-ol	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation for ie 0.5093 Vapour Calculation m (CLP), annex	870.1200 or the mixture nethod accord (1, part 3, section CAS no.	3412) iing Regulat ion 3.1.3.6. 0.56 4	939-253-5 mg/kg bodyweight ion (EC) No 1272/2008, EC no. 200-001-8 mg/l h
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method Acute inhalational toxicity No Substance name 1 formaldehyde LC50 Duration of exposure State of aggregation Species Method Source 2 propan-2-ol LC50	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation for te 0.5093 Vapour Calculation rr (CLP), annex	870.1200 or the mixture nethod accord cl, part 3, secti CAS no. 50-00-0	3412) ing Regulat ion 3.1.3.6. 0.56 4	939-253-5 mg/kg bodyweight ion (EC) No 1272/2008, EC no. 200-001-8 mg/l h
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method Acute inhalational toxicity No Substance name 1 formaldehyde LC50 Duration of exposure State of aggregation Species Method Source 2 propan-2-ol LC50 Duration of exposure	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation for ides 0.5093 Vapour Calculation m (CLP), annex Vapour rat OECD 403 ECHA Secha	870.1200 or the mixture nethod accord cl, part 3, secti CAS no. 50-00-0	3412) iing Regulat ion 3.1.3.6. 0.56 4	939-253-5 mg/kg bodyweight ion (EC) No 1272/2008, EC no. 200-001-8 mg/l h
Species Source 4 Quaternary ammonium compounds, I 4 Quaternary ammonium compounds, I 4 (even numbered)-alkyldimethyl chlori LD50 Species Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method Acute inhalational toxicity No Substance name 1 formaldehyde LC50 Duration of exposure State of aggregation Species Method Source 2 propan-2-ol LC50 Duration of exposure State of aggregation Species Method Source 2 propan-2-ol LC50 Duration of exposure State of aggregation Species	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation for ides 0.5093 Vapour Calculation m (CLP), annex Vapour Calculation rat OECD 403 ECHA Secha Secha	870.1200 or the mixture nethod accord cl, part 3, secti CAS no. 50-00-0	3412) ing Regulat ion 3.1.3.6. 0.56 4	939-253-5 mg/kg bodyweight ion (EC) No 1272/2008, EC no. 200-001-8 mg/l h
Species Source 4 Quaternary ammonium compounds, I (even numbered)-alkyldimethyl chlori LD50 Species Method Source Acute inhalational toxicity (result of the AT No Product Name 1 Disinfectant solution, not ready to us Order No. 0201-0003-001 ATE (Mixture) Route of exposure / physical from Method Acute inhalational toxicity No Substance name 1 formaldehyde LC50 Duration of exposure State of aggregation Species Method Source 2 propan-2-ol LC50 Duration of exposure	supplier benzyl C12-C16 ides rabbit EPA OPPTS ECHA TE calculation for ides 0.5093 Vapour Calculation m (CLP), annex Vapour rat OECD 403 ECHA Secha	870.1200 or the mixture nethod accord cl, part 3, secti CAS no. 50-00-0	3412) ing Regulat ion 3.1.3.6. 0.56 4	939-253-5 mg/kg bodyweight ion (EC) No 1272/2008, EC no. 200-001-8 mg/l h



Trade name: Disinfectant solution, not ready to use

Replaced version: 5.0.2, issued: 20.09.2018 Current version : 5.1.0, issued: 15.07.2019 Region: GB Evaluation/classification Based on available data, the classification criteria are not met. 3 Glutaral 111-30-8 203-856-5 LC50 0.35 mg/l Duration of exposure 4 h State of aggregation Dust Species rat Source supplier Skin corrosion/irritation No Substance name CAS no. EC no. formaldehyde 200-001-8 50-00-0 1 Species rabbit Method **OECD 404** Source **ECHA** Evaluation corrosive 2 propan-2-ol 200-661-7 67-63-0 Species rabbit Source **ECHA** Evaluation non-irritant Evaluation/classification Based on available data, the classification criteria are not met. 3 (ethylenedioxy)dimethanol 3586-55-8 222-720-6 Species rabbit Method **OECD 404 ECHA** Source Evaluation irritant Glutaral 111-30-8 203-856-5 4 Species rabbit **OECD 404** Method Source supplier Evaluation corrosive 5995-42-6 [[(2-227-833-4 5 hydroxyethyl)imino]bis(methylene)]bisphosphonic acid Species rabbit Method **OECD 404** Source supplier Evaluation corrosive 6 Quaternary ammonium compounds, benzyl C12-C16 -939-253-5 (even numbered)-alkyldimethyl chlorides **Species** rabbit Method EPA OPPTS 870.2500 Source **ECHA** Evaluation corrosive Serious eye damage/irritation No Substance name CAS no. EC no. 1 formaldehyde 50-00-0 200-001-8 **ECHA** Source Evaluation corrosive Evaluation/classification Based on available data, the classification criteria are met. 2 propan-2-ol 67-63-0 200-661-7 Species rabbit Method **OECD 405** Source **ECHA** Evaluation irritant Evaluation/classification Based on available data, the classification criteria are met. Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-69011-36-5 3 hydroxy-, branched Species rabbit **OECD 437** Method Source supplier



Trade name: Disinfectant solution, not ready to use

Current version : 5.1.0, issued: 15.07.2019

Replaced version: 5.0.2, issued: 20.09.2018

Region: GB

Eval	uation	Irreversible e	effects on the eye	
4	(ethylenedioxy)dimethanol		3586-55-8	222-720-6
Spe		rabbit		
Meth		OECD 405		
		ECHA		
Sou				
	uation	corrosive	444.00.0	000 050 5
5	Glutaral	• • • •	111-30-8	203-856-5
Spe		rabbit		
Meth	nod	Draize meth	od	
Sou	rce	supplier		
Eval	uation	Irreversible e	effects on the eye	
6	[[(2-		5995-42-6	227-833-4
	hydroxyethyl)imino]bis(methylene)]bisp	hosphonic		
	acid			
Spe	ries	rabbit		
Sou		supplier		
	uation	corrosive		020 2E2 E
7	Quaternary ammonium compounds, ben			939-253-5
-	(even numbered)-alkyldimethyl chlorides			
Spe		rabbit		
Meth	nod	EPA OPPTS	870-2400	
Sou	rce	ECHA		
Eval	uation	corrosive		
Res	piratory or skin sensitisation			
No	Substance name		CAS no.	EC no.
1	formaldehyde		50-00-0	200-001-8
Rou	te of exposure	Skin		
Sou		ECHA		
	luation	sensitizing		
Lva				
	uation/classification		ailable data, the classification	critoria aro mot
Eval	uation/classification		ailable data, the classification	
Eval 2	propan-2-ol	Based on av	ailable data, the classificatior 67-63-0	criteria are met. 200-661-7
Eval 2 Rou	propan-2-ol te of exposure	Based on av		
Eval 2 Rou Spe	propan-2-ol te of exposure cies	Based on av		
Eval 2 Rou Spece	propan-2-ol te of exposure cies nod	Based on av Skin guinea pig OECD 406		
Eval 2 Rou Spec Meth Sou	propan-2-ol te of exposure cies nod rce	Based on av Skin guinea pig OECD 406 ECHA	67-63-0	
Eval 2 Rou Spec Meth Sou Eval	propan-2-ol te of exposure cies nod rce uation	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi	67-63-0	200-661-7
Eval 2 Rou Spec Meth Sou Eval	propan-2-ol te of exposure cies nod rce	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi	67-63-0	200-661-7
Eval Rou Spec Meth Sour Eval Eval	propan-2-ol te of exposure cies nod rce uation uation/classification	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi	67-63-0	200-661-7
Eval 2 Rou Spec Meth Sou Eval Eval 3	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi	67-63-0 ng ailable data, the classificatior	200-661-7
Eval 2 Rou Spec Meth Sou Eval Eval 2 8 Rou	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av	67-63-0 ng ailable data, the classificatior	200-661-7
Eval 2 Rou Spec Meth Sou Eval Eval Eval Spec 3 Rou	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig	67-63-0 ng ailable data, the classificatior	200-661-7
Eval 2 Rou Spec Meth Sou Eval Eval Eval Spec Meth	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406	67-63-0 ng ailable data, the classificatior	200-661-7
Eval 2 Rou Spec Meth Sou Eval Eval Eval 3 Rou Spec Meth Sou	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod rce	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA	67-63-0 ng ailable data, the classificatior 3586-55-8	200-661-7
Eval 2 Rou Spec Meth Sou Eval Eval 3 Rou Spec Meth Sou Eval	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod rce uation	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi	67-63-0 ng ailable data, the classificatior 3586-55-8	200-661-7
Eval 2 Rou Spec Meth Sou Eval Eval Eval 3 Rou Spec Meth Sou	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod rce uation Quaternary ammonium compounds, ben	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi zyl C12-C16	67-63-0 ng ailable data, the classificatior 3586-55-8	200-661-7
Eval 2 Rou Spee Meth Sou Eval 3 Rou Spee Meth Sou Eval 4	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod rce uation/classification (ethylenedioxy)dimethanol te of exposure cies nod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi zyl C12-C16 s	67-63-0 ng ailable data, the classificatior 3586-55-8	200-661-7
Eval Rou Spec Meth Sou Eval Eval Eval Spec Meth Sou Eval Eval A Rou	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod rce uation/classification (ethylenedioxy)dimethanol te of exposure cies nod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides te of exposure	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi zyl C12-C16 Skin	67-63-0 ng ailable data, the classificatior 3586-55-8	200-661-7
Eval 2 Rouu Spee Eval Eval Souu Eval Spee A Rouu Spee Spee	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod rce uation/classification (ethylenedioxy)dimethanol te of exposure cies nod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides te of exposure cies	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi zyl C12-C16 Skin guinea pig	67-63-0 ng ailable data, the classificatior 3586-55-8	200-661-7
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Eval Rou Spee Meth Sou Eval Eval Spee Meth Sou Eval 4 Rou Spee Meth Sou Eval	propan-2-ol te of exposure cies hod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies hod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides te of exposure cies hod (even numbered)-alkyldimethyl chlorides te of exposure cies hod rce uation	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi zyl C12-C16 Skin guinea pig OECD 406 ECHA	ng ailable data, the classificatior 3586-55-8	200-661-7
Eval Rou Spee Meth Sou Eval Eval Spee Meth Sou Eval 4 Rou Spee Meth Sou Eval	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod rce uation/classification (ethylenedioxy)dimethanol te of exposure cies nod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides te of exposure cies nod rce	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi zyl C12-C16 Skin guinea pig OECD 406 ECHA	ng ailable data, the classificatior 3586-55-8	200-661-7
Eval Rou Spee Meth Sou Eval Eval Spee Meth Sou Eval 4 Rou Spee Meth Sou Eval 4	propan-2-ol te of exposure cies hod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies hod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides te of exposure cies hod (even numbered)-alkyldimethyl chlorides te of exposure cies hod rce uation	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi zyl C12-C16 Skin guinea pig OECD 406 ECHA	ng ailable data, the classificatior 3586-55-8	200-661-7
Eval Rou Spee Meth Sou Eval Eval Spee Meth Sou Eval 4 Rou Spee Meth Sou Eval 4	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides te of exposure cies nod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides te of exposure cies nod rce uation m cell mutagenicity Substance name	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi zyl C12-C16 Skin guinea pig OECD 406 ECHA	67-63-0 ng ailable data, the classificatior 3586-55-8 ng -	200-661-7
Eval Rou Spee Meth Sou Eval Eval Eval Spee Meth Sou Eval Eval Spee Meth Sou Eval Eval Eval Eval Eval Eval Eval Eval	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod (ethylenedioxy)dimethanol te of exposure cies nod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides te of exposure cies nod rce uation Moder rce uation mod rce uation	Based on av	67-63-0 ng ailable data, the classificatior 3586-55-8 ng ng CAS no.	200-661-7 a criteria are not met. 222-720-6 939-253-5 EC no.
Eval 2 Rou Spec Meth Sou Eval Eval Spec Meth Sou Eval A Rou Spec Meth Sou Eval Eval Eval Eval Eval Eval Eval Eval Eval Eval Eval Eval Eval Eval Eval Eval Eval Spec Meth Sou Eval	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod (ethylenedioxy)dimethanol te of exposure cies nod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides te of exposure cies nod rce uation mod rce uation	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi zyl C12-C16 Skin guinea pig OECD 406 ECHA non-sensitizi Skin guinea pig OECD 406 ECHA	67-63-0 ng ailable data, the classificatior 3586-55-8 ng ng CAS no. 50-00-0	200-661-7 a criteria are not met. 222-720-6 939-253-5 EC no. 200-001-8
Eval 2 Rou Spec Meth Sou Eval Eval Spec Meth Sou Eval A Rou Spec Meth Sou Eval	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod (ethylenedioxy)dimethanol te of exposure cies nod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides te of exposure cies nod rce uation mcell mutagenicity Substance name formaldehyde rce uation/classification	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi zyl C12-C16 Skin guinea pig OECD 406 ECHA non-sensitizi Skin guinea pig OECD 406 ECHA	ng ailable data, the classification 3586-55-8 ng - CAS no. 50-00-0 ailable data, the classification	200-661-7 a criteria are not met. 222-720-6 939-253-5 EC no. 200-001-8 a criteria are met.
Eval 2 Rou Spec Meth Sou Eval Eval Spec Meth Sou Eval 4 Rou Spec Meth Sou Eval Eval Spec Meth Sou Eval Eval Eval Spec Meth Sou Eval Eval Spec Meth Sou Eval Eval Eval Spec Meth Sou Eval Eva	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod (ethylenedioxy)dimethanol te of exposure cies nod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides te of exposure cies nod rce uation m cell mutagenicity Substance name formaldehyde rce uation/classification propan-2-ol	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Zyl C12-C16 Skin guinea pig OECD 406 ECHA non-sensitizi	67-63-0 ng ailable data, the classificatior 3586-55-8 ng ng CAS no. 50-00-0	200-661-7 a criteria are not met. 222-720-6 939-253-5 EC no. 200-001-8
Eval 2 Rour Spec Meth Sour Eval Eval Sour Eval A Rour Spec Meth Sour Eval	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod (ethylenedioxy)dimethanol te of exposure cies nod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides te of exposure cies nod rce uation m cell mutagenicity Substance name formaldehyde rce uation/classification propan-2-ol	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Zyl C12-C16 Skin guinea pig OECD 406 ECHA non-sensitizi ECHA Based on av	ng ailable data, the classification 3586-55-8 ng - ng CAS no. 50-00-0 ailable data, the classification 67-63-0	200-661-7 a criteria are not met. 222-720-6 939-253-5 EC no. 200-001-8 a criteria are met. 200-661-7
Eval 2 Rou Spec Meth Sou Eval Eval Sou Eval A Rou Spec Meth Sou Eval Eval Com Eval Eval Sou Eval Eval Sou Eval Eval Sou Eval Eval Sou Eval Eval Sou Eval Sou Eval Eval Sou Eval Sou Eval Sou Eval Sou Eval Eval Sou Eval Sou Eval Sou Eval Sou Eval Sou Eval Sou Eval Sou Eval Eval Sou Eval Eval Sou Eval Eval Sou Eval Eval Sou Eval Eval Sou Sou Sou Sou Sou Sou Sou Sou	propan-2-ol te of exposure cies nod rce uation uation/classification (ethylenedioxy)dimethanol te of exposure cies nod (ethylenedioxy)dimethanol te of exposure cies nod rce uation Quaternary ammonium compounds, ben (even numbered)-alkyldimethyl chlorides te of exposure cies nod rce uation m cell mutagenicity Substance name formaldehyde rce uation/classification propan-2-ol	Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Based on av Skin guinea pig OECD 406 ECHA non-sensitizi Zyl C12-C16 Skin guinea pig OECD 406 ECHA non-sensitizi ECHA Based on av	ng ailable data, the classification 3586-55-8 ng - CAS no. 50-00-0 ailable data, the classification	200-661-7 a criteria are not met. 222-720-6 939-253-5 EC no. 200-001-8 a criteria are met. 200-661-7



Trade name: Disinfectant solution, not ready to use

	version : 5.1.0, issued: 15.07.2019	Replaced version: 5.0.2, iss	ued: 20.09.2018	Region
Spec		Chinese hamster V79 cells		
Meth		OECD 476		
Sour		ECHA		
	uation/classification		lassification criteria are not met.	
4	Quaternary ammonium compounds (even numbered)-alkyldimethyl chlo		939-253-5	
Spec		mouse		
Meth		OECD 474		
Sour	rce	ECHA		
Evalu	uation/classification	-	lassification criteria are not met.	
Spec	cies	Salmonella typh. TA98, TA100		
Meth	nod	OECD 471		
Sour	rce	ECHA		
Evalu	uation/classification	Based on available data, the c	lassification criteria are not met.	
Repr	roduction toxicity			
	Substance name	CAS no.	EC no.	
1	Quaternary ammonium compounds	, benzyl C12-C16 -	939-253-5	
	(even numbered)-alkyldimethyl chlo			
Spec	cies	rat		
Meth	nod	OECD 416		
Sour		ECHA		
	uation/classification		lassification criteria are not met.	
Spec		rabbit		
Meth		OECD 414		
Sour		ECHA	· ····	
Evalu	uation/classification	Based on available data, the c	lassification criteria are not met.	
	cinogenicity			
	Substance name	CAS no.	EC no.	
	formaldehyde	50-00-0	200-001-8	
Sour		ECHA	lessification eniteric and most	
2	uation/classification Quaternary ammonium compounds	Based on available data, the c	939-253-5	
2	(even numbered)-alkyldimethyl chlo		939-233-3	
Cn				
Spec		rat		
Meth	nod	OECD 453		
Meth Sour	nod rce	OECD 453 ECHA		
Meth Sour	nod	OECD 453 ECHA	lassification criteria are not met.	
Meth Sour Evalu	nod rce	OECD 453 ECHA	lassification criteria are not met.	
Meth Sour Evalu	nod rce uation/classification	OECD 453 ECHA	lassification criteria are not met.	
Meth Sour Evalu STO No d	nod rce uation/classification T - single exposure data available T - repeated exposure	OECD 453 ECHA Based on available data, the c		
Meth Sour Evalu STO No d STO	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name	OECD 453 ECHA Based on available data, the c	EC no.	
Meth Sour Evalu STO No d STO No 1	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name (ethylenedioxy)dimethanol	OECD 453 ECHA Based on available data, the c CAS no. 3586-55-8		
Meth Sour Evalue STO No d STO No 1 Rout	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name (ethylenedioxy)dimethanol te of exposure	OECD 453 ECHA Based on available data, the c CAS no. 3586-55-8 oral	EC no.	
Meth Sour Evalu STO No d STO No 1 Rout Spec	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name (ethylenedioxy)dimethanol te of exposure cies	OECD 453 ECHA Based on available data, the c CAS no. 3586-55-8 oral rat	EC no.	
Meth Sour Evalue STO No d STO No 1 Rout	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name (ethylenedioxy)dimethanol te of exposure cies	OECD 453 ECHA Based on available data, the c CAS no. 3586-55-8 oral rat OECD 408	EC no.	
Meth Sour Evalue STO No d STO No 1 Rout Spec Meth Sour	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name (ethylenedioxy)dimethanol te of exposure cies nod rce	OECD 453 ECHA Based on available data, the c CAS no. 3586-55-8 oral rat OECD 408 ECHA	EC no. 222-720-6	
Meth Sour Evalue STO No d STO No 1 Rout Spec Meth Sour	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name (ethylenedioxy)dimethanol te of exposure cies nod rce uation/classification	OECD 453 ECHA Based on available data, the c CAS no. 3586-55-8 oral rat OECD 408 ECHA Based on available data, the c	EC no.	
Meth Sour Evalue STO No d STO No 1 Route Spece Meth Sour Evalue	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name (ethylenedioxy)dimethanol te of exposure cies nod rce	OECD 453 ECHA Based on available data, the c CAS no. 3586-55-8 oral rat OECD 408 ECHA Based on available data, the c s, benzyl C12-C16 -	EC no. 222-720-6 lassification criteria are not met.	
Meth Sour Evalue STO No da STO No 1 Rout Spec Meth Sour Evalue 2	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name (ethylenedioxy)dimethanol te of exposure cies nod rce uation/classification Quaternary ammonium compounds	OECD 453 ECHA Based on available data, the c CAS no. 3586-55-8 oral rat OECD 408 ECHA Based on available data, the c s, benzyl C12-C16 -	EC no. 222-720-6 lassification criteria are not met.	
Meth Sour Evalue STO No da STO No 1 Rout Spec Meth Sour Evalue 2	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name (ethylenedioxy)dimethanol te of exposure cies nod rce uation/classification Quaternary ammonium compounds (even numbered)-alkyldimethyl chlo te of exposure	OECD 453 ECHA Based on available data, the c CAS no. 3586-55-8 oral rat OECD 408 ECHA Based on available data, the c s, benzyl C12-C16 - orides	EC no. 222-720-6 lassification criteria are not met.	
Meth Sour Evalue STO No d STO No 1 Rout Spec Meth Sour Evalue 2 Rout	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name (ethylenedioxy)dimethanol te of exposure cies nod rce uation/classification Quaternary ammonium compounds (even numbered)-alkyldimethyl chlo te of exposure cies	OECD 453 ECHA Based on available data, the c CAS no. 3586-55-8 oral rat OECD 408 ECHA Based on available data, the c s, benzyl C12-C16 - orides oral	EC no. 222-720-6 lassification criteria are not met.	
Meth Sour Evalue STO No d STO No d STO No d STO No d STO No d Sto Spece Meth Sour Evalue 2 Rout Spece	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name (ethylenedioxy)dimethanol te of exposure cies nod rce uation/classification Quaternary ammonium compounds (even numbered)-alkyldimethyl chlo te of exposure cies nod	OECD 453 ECHA Based on available data, the c CAS no. 3586-55-8 oral rat OECD 408 ECHA Based on available data, the c s, benzyl C12-C16 - orides oral rat	EC no. 222-720-6 lassification criteria are not met.	
Meth Sour Evalue STO No da STO No 1 Rout Spec Meth Sour Evalue 2 Rout Spec Meth Sour	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name (ethylenedioxy)dimethanol te of exposure cies nod rce uation/classification Quaternary ammonium compounds (even numbered)-alkyldimethyl chlo te of exposure cies nod rce	OECD 453 ECHA Based on available data, the c CAS no. 3586-55-8 oral rat OECD 408 ECHA Based on available data, the c s, benzyl C12-C16 - orides oral rat OECD 408	EC no. 222-720-6 lassification criteria are not met.	
Meth Sour Evalue STO No da STO No 1 Rout Spec Meth Sour Evalue 2 Rout Spec Meth Sour Spec Meth	nod rce uation/classification T - single exposure data available T - repeated exposure Substance name (ethylenedioxy)dimethanol te of exposure cies nod rce uation/classification Quaternary ammonium compounds (even numbered)-alkyldimethyl chlo te of exposure cies nod	OECD 453 ECHA Based on available data, the c CAS no. 3586-55-8 oral rat OECD 408 ECHA Based on available data, the c s, benzyl C12-C16 - orides oral rat OECD 408	EC no. 222-720-6 lassification criteria are not met.	



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Irritating effects on the skin and mucous membrane. Possibility of sensitisation through skin contact. Sensitisation possible through inhalation. Danger of acute eye damage.

Other information

The product was classified on the basis of the calculation procedure of the regulation (EC) No 1272/2008 (CLP).

SECTION 12: Ecological information

12.1 Toxicity

Toxicity	y to fish (acute)				
	ubstance name		CAS no.		EC no.
1 fo	rmaldehyde		50-00-0		200-001-8
LC50				6.7	mg/l
Duratio	n of exposure			96	h
Species	3	Morone saxa	tilis		
Source		ECHA			
2 pr	opan-2-ol		67-63-0		200-661-7
LC50				9640	mg/l
	n of exposure			96	h
Species		Pimephales p	oromelas		
Method		OECD 203			
Source		ECHA			
	oly(oxy-1,2-ethanediyl), .alphatridecy /droxy-, branched	lomega	69011-36-5		-
_C50		1	-	10	mg/l
	n of exposure			96	h
Species		Cyprinus car	pio		
Method		OECD 203			
Source		supplier			
	thylenedioxy)dimethanol		3586-55-8		222-720-6
_C50				71	mg/l
	n of exposure			96	h
Species		Danio rerio			
Method		OECD 203			
Source		ECHA			
	lutaral	1	111-30-8	40.0	203-856-5
LC50				10.8	mg/l
	n of exposure	Dimersheles		96	h
Species Method		Pimephales p OECD 203	bromeias		
Source		supplier			
	decyldimethylammonium-chloride	Supplier	7173-51-5		230-525-2
LC50	decyldimetrylaminonium-chloride	1	1113-31-3	0.97	
	n of exposure			0.97 96	mg/l h
Species	•	Danio rerio		50	
Method		OECD 203			
Source		supplier			
7 Q.	uaternary ammonium compounds, ber ven numbered)-alkyldimethyl chloride	nzyl C12-C16	-		939-253-5
LC50		Ī		0.456	mg/l
	n of exposure			96	h
Species		Lepomis mad	crochirus		
Method		EPA OPP 72			
Source		ECHA			
	y to fish (chronic)				
	ubstance name		CAS no.		EC no.
1 Qi	uaternary ammonium compounds, bei	nzyl C12-C16	-		939-253-5

1	Quaternary ammonium compounds, ben	zyl C12-C16	-		939-253-5	
	(even numbered)-alkyldimethyl chlorides	5				
NO	EC			0.032	ma/l	



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rent version : 5.1.0, issued: 15.07.2019	Replaced version: 5.0.	.2, issued: 20.09	.2018	Region:
Duration of exposure		28	day(s)	
Species	Pimephales promelas	20	uay(s)	
Method	EPA FIFRA			
Source	ECHA			
Toxicity to Daphnia (acute) No Substance name	CAS no.		EC no.	
1 formaldehyde	50-00-0		200-001-8	
EC50		5.8	mg/l	
Duration of exposure		48	h	
Species	Daphnia magna	-		
Method	OECD 202			
Source	ECHA			
2 Poly(oxy-1,2-ethanediyl), .alphatrided	cylomega 69011-36-5	5	-	
hydroxy-, branched EC50	1	- 10	mg/l	
Duration of exposure		48	h	
Species	Daphnia magna			
Method	OECD 202			
Source	supplier			
3 (ethylenedioxy)dimethanol	3586-55-8		222-720-6	
EC50		28	mg/l	
Duration of exposure		48	h	
Species	Daphnia magna			
Method	OECD 202			
Source	ECHA			
4 Glutaral	111-30-8		203-856-5	
EC50		0.69	mg/l	
Duration of exposure		48	h	
Species	Daphnia magna			
Method	OECD 202			
Source	supplier			
5 didecyldimethylammonium-chloride	7173-51-5		230-525-2	
EC50 Duration of exposure		0.057 48	mg/l h	
Species	Daphnia magna	40		
Method	OECD 202			
Source	supplier			
6 Quaternary ammonium compounds, b			939-253-5	
(even numbered)-alkyldimethyl chlorid			000 200 0	
EC50		0.016	mg/l	
Duration of exposure		48	h	
Species	Daphnia magna			
Method	EU C.2			
Source	ECHA			
Toxicity to Daphnia (chronic)				
No Substance name	CAS no.		EC no.	
1 formaldehyde	50-00-0		200-001-8	
NOEC	>=	6.4	mg/l	
Duration of exposure		21	day(s)	
Species	Daphnia magna			
Method	OECD 211			
Source	ECHA	-		
2 Poly(oxy-1,2-ethanediyl), .alphatrideo hydroxy-, branched	cylomega 69011-36-5	3	-	
NOEC		2.5	mg/l	
Duration of exposure		21	day(s)	
Species				
	Daphnia magna			
Source 3 (ethylenedioxy)dimethanol	Daphnia magna supplier 3586-55-8		222-720-6	



Trade name: Disinfectant solution, not ready to use

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ent version : 5.1.0, issued: 15.07.2019	Replaced version: 5.0.2, i	ssued: 20.09	9.2018	Region
NOEC		8	mg/l	
Species	Daphnia magna	0	iiig/i	
Vethod	OECD 211			
Source	ECHA			
4 didecyldimethylammonium-chloride	7173-51-5		230-525-2	
NOEC	/////	0.021	mg/l	
Duration of exposure		21	day(s)	
Species	Dophnia magna	21	uay(s)	
Method	Daphnia magna OECD 211			
Source	supplier			
			939-253-5	
5 Quaternary ammonium compounds, be (even numbered)-alkyldimethyl chloride			939-233-3	
NOEC	5	0.005		
		0.025	mg/l	
Duration of exposure	Daphaia magna	21	day(s)	
Species	Daphnia magna			
Method	OECD 211			
Source	ECHA			
Toxicity to algae (acute)				
No Substance name	CAS no.		EC no.	
1 formaldehyde	50-00-0		200-001-8	
ErC50		4.89	mg/l	
Duration of exposure		4.03 72	h	
Species	Desmodesmus subspicatus	12	11	
Method	OECD 201			
Source	ECHA			
2 Poly(oxy-1,2-ethanediyl), .alphatridec				
hydroxy-, branched	yromega 05011-50-5		-	
EC50	1 -	10	mg/l	
Duration of exposure		72	h	
Species	Desmodesmus subspicatus			
Method	OECD 201			
Source	supplier			
3 (ethylenedioxy)dimethanol	3586-55-8		222-720-6	
EC50		4.62	mg/l	
Duration of exposure		72	h	
Species	Desmodesmus subspicatus			
Method	OECD 201			
Source	ECHA			
4 Glutaral	111-30-8		203-856-5	
EC50		2.64	mg/l	
Duration of exposure		72	h	
Species	Desmodesmus subspicatus			
Method	OECD 201			
Source	supplier			
5 didecyldimethylammonium-chloride	7173-51-5		230-525-2	
ErC50		0.053	mg/l	
Duration of exposure		72	h	
Species	Pseudokirchneriella subcapi			
Method	OECD 201			
Source	supplier			
6 Quaternary ammonium compounds, be	nzyl C12-C16 -		939-253-5	
(even numbered)-alkyldimethyl chloride	es	0.00	"	
EC50		0.03	mg/l	
Duration of exposure		72	h	
Species	Pseudokirchneriella subcapi	tata		
Source	ECHA			
Toxicity to algae (chronic)				
No data available				
NU UALA AVAIIANIE				
Bacteria toxicity				



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No	Substance name		CAS no.		EC no.
1	formaldehyde		50-00-0		200-001-8
EC5	0			19	mg/l
Dura	ation of exposure			3	h
Spe	cies	activated sluc	lge		
Met	nod	OECD 209			
Sou	rce	ECHA			
2	(ethylenedioxy)dimethanol		3586-55-8		222-720-6
IC50)			32	mg/l
Spe	cies	activated sluc	lge		
Met	nod	OECD 209			
Sou	rce	ECHA			
3	Quaternary ammonium compounds, ben	zyl C12-C16	-		939-253-5
	(even numbered)-alkyldimethyl chlorides	;			
IC50)			7.75	mg/l
Dura	ation of exposure			3	h
Spe	cies	activated sluc	lge		
Met	nod	OECD 209	-		
Sou	rce	ECHA			

12.2 Persistence and degradability

Biodegradability				
No	Substance name	CAS no.		EC no.
1	formaldehyde	50-00-0		200-001-8
Тур	9	aerobic biodegradation		
Valu	IE		99	%
	ation		28	day(s)
Met		OECD 301 A		
Sou		ECHA		
	luation	readily biodegradable		
2	propan-2-ol	67-63-0		200-661-7
Тур		BOD/COD		
Valu			53	%
	ation		5	day(s)
Sou		ECHA		
	Evaluation readily biodegradable			
3	(ethylenedioxy)dimethanol	3586-55-8		222-720-6
Valu			100	%
	ation		5	day(s)
Met		OECD 301 A		
Sou		ECHA		
	luation	readily biodegradable		
4	Quaternary ammonium compounds, ben			939-253-5
-	(even numbered)-alkyldimethyl chlorides			
Тур		aerobic biodegradation		
Value			63	%
Duration			28	day(s)
Met		OECD 301 D		
Sou		ECHA		
Eva	luation	readily biodegradable		

12.3 Bioaccumulative potential

Part	ition coefficient: n-octanol/water					
No	Substance name		CAS no.		EC no.	
1	formaldehyde		50-00-0		200-001-8	
log F	Pow			0.35		
Refe	rence temperature			25	°C	
Sour	ce	ECHA				
2	propan-2-ol		67-63-0		200-661-7	
log F	Pow			0.05		



Trade name: Disinfectant solution, not ready to use

urrent version : 5.1.0, issued: 15.07.2019		Replace	Replaced version: 5.0.2, issued: 20.09.2018			Region: G
Rofe	erence temperature			25	°C	
Sou		ECHA	4	20	0	
3	(ethylenedioxy)dimethanol		3586-55-8		222-720-6	
log	Pow		(0.35		
Met	hod	OECD 107				
Sou	rce	ECHA				
4	Quaternary ammonium compounds, (even numbered)-alkyldimethyl chlo		-		939-253-5	
log	Pow			2.75		
Met	hod	OECD 107				
Sou	rce	ECHA				

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.
	· · · · · · · · · · · · · · · · · · ·

12.6 Other adverse effects

No data available.

12.7 Other information

Other information

Do not discharge into the drains or waters and do not store on public depositories.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Concentrate is not allowed to be disposed together with domestic waste. Concentrate is not allowed to be released into the sewerage.

Packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

Class	3
Classification code	F1
Packing group	
Hazard identification no.	30
UN number	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Tunnel restriction code	D/E
Label	3
Comments	Limited Quantity LQ: 5 L
	Excepted Quantity EQ: (E1) 30 ml
Comments	These substances, when carried in individual packagings with a net quantity not exceeding 30 ml / 30 g per individual or inner packaging and a net quantity not exceeding 1 L / 1 kg per outer packaging, are not subject to the other provisions of ADR/RID, provided that the packagings comply with the general provisions of $4.1.1.1.1$, $4.1.1.2$ and $4.1.1.1.4$ to $4.1.1.1.8$.

14.2 Transport IMDG



Trade name: Disinfectant solution, not ready to use

rent	version : 5.1.0, issued: 15.07.2019			
	Class Packing group UN number Proper shipping name EmS Label	3 III UN1993 FLAMMABLE LIQUID, N.O.S. F-E, S-E 3		
4.3	Transport ICAO-TI / IATA			
	Class Packing group UN number Proper shipping name Label	3 III UN1993 Flammable liquid, n.o.s. 3		
4.4	Other information No data available.			
4.5	Environmental hazards Information on environmental h	nazards, if relevant, please see 14.1 - 14.3.		
4.6	Special precautions for us No data available.	er		
4.7	Transport in bulk accordin Not relevant	7 Transport in bulk according to Annex II of Marpol and the IBC Code Not relevant		
	FION 15: Regulatory infor Safety, health and environ	rmation mental regulations/legislation specific for the substance o	or mixture	
5.1	Safety, health and environ EU regulations	mental regulations/legislation specific for the substance of	or mixture	
5.1 Re	Safety, health and environ EU regulations gulation (EC) No 1907/2006 (R	mental regulations/legislation specific for the substance of EACH) Annex XIV (List of substances subject to authorisation)		
5.1 Re Ac	Safety, health and environ <u>EU regulations</u> gulation (EC) No 1907/2006 (R cording to the data available and	mental regulations/legislation specific for the substance of	not contain any	
5.1 Re Ac sul 19	Safety, health and environm <u>EU regulations</u> gulation (EC) No 1907/2006 (R cording to the data available and bstances considered as substance 07/2006. EACH candidate list of substance	mental regulations/legislation specific for the substance of EACH) Annex XIV (List of substances subject to authorisation) I/or specifications supplied by upstream suppliers, this product does ces requiring authorisation as listed on Annex XIV of the REACH reg	not contain any Julation (EC)	
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15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.



Trade name: Disinfectant solution, not ready to use

Current version : 5.1.0, issued: 15.07.2019

Replaced version: 5.0.2, issued: 20.09.2018

Region: GB

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these		
sections)		

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

В	Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
D	Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

Department issuing safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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