Safety Data Sheet according to Regulation (EC) No. 453/2010

SECT	TON 1: Identification of the s	ubstance/mixture and of the comp	any/undertak	ing
1.1.	Product identifier			
roduc	t name	: ACTRIL Cold Sterilant		
Product	t code	: 176-02-053 / 176-02-056 / 3024982		
.2.	Relevant identified uses of the s	ubstance or mixture and uses advised again	nst	
.2.1.	Relevant identified uses			
Jse of	the substance/mixture	: Sterilization, Disinfection, and Sanitizat	tion of Medical Eq	uipment
.2.2.	Uses advised against			
	litional information available.			
.3.	Details of the supplier of the safe	ety data sheet		
	ATORS BV hweg 11			
6422PC	C Heerlen - Netherlands			
	45 5 471 471; 0800 894575 (UK) - F (3 nedivators.com	31) 45 5 429 695		
1.4. Emorac	Emergency telephone number	· CHEMTREC (800) 424 0200		
merge	ency number	: CHEMTREC (800) 424-9300 CHEMTREC International +1 (703) 52	27-3887 24 hr	
		· · · · · ·		
	TON 2: Hazards identification			
2.1.	Classification of the substance of	or mixture		
Classif	fication according to Regulation (EC	C) No. 1272/2008 [CLP]		
Not clas	ssified.			
Classif	fication according to Directive 67/54	18/EEC [DSD] or 1999/45/EC [DPD]		
Not clas	ssified.			
Advers	se physicochemical, human health a	and environmental effects		
vo add	litional information available.			
2.2.	Label elements	4070/0000 [C] D]		
2.2. Labelli	Label elements ing according to Regulation (EC) No	o. 1272/2008 [CLP]		
2.2. L <mark>abelli</mark> No labe	Label elements ing according to Regulation (EC) No elling applicable.	o. 1272/2008 [CLP]		
2.2. Labelli No labe 2.3.	Label elements ing according to Regulation (EC) No elling applicable. Other hazards	o. 1272/2008 [CLP]		
2.2. Labelli No labe 2.3. No add	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available.			
2.2. Labelli No labe 2.3. No add	Label elements ing according to Regulation (EC) No elling applicable. Other hazards			
2.2. Labelli No labe 2.3. No add SECT 3.1.	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/informa Substance			
2.2. .abelli No labe 2.3. No add SECT 3.1. Not app	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/informa Substance plicable.			
2.2. .abelli No labe 2.3. No add SECT 3.1. Not app 3.2.	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/information Substance plicable. Mixture	tion on ingredients		
2.2. .abelli No labe 2.3. No add SECT 3.1.	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/information Substance plicable. Mixture		%	
2.2. abelli lo labe .3. lo add SECT 5.1. lot app 5.2.	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/information Substance plicable. Mixture	tion on ingredients	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2.2. .abelli No labe 2.3. No add SECT 3.1. Not app 3.2.	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/information Substance plicable. Mixture	tion on ingredients Product identifier (CAS No) 64-19-7	% 5.2	Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 3, H226
2.2. _abelli No labe 2.3. No add SECT 3.1. Not app 3.2. Name	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/information Substance plicable. Mixture	tion on ingredients Product identifier (CAS No) 64-19-7 (EC no) 200-580-7		1272/2008 [ĊLP] Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312
2.2. abelli No labe 2.3. No add SECT 3.1. Not app 3.2. Name Acetic	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/information Substance plicable. Mixture	tion on ingredients Product identifier (CAS No) 64-19-7		Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 3, H226
Acetic	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/informa Substance plicable. Mixture a	tion on ingredients Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 7722-84-1 (EC no) 231-765-0	5.2	Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302
Acetic	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/informa Substance plicable. Mixture a	tion on ingredients Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 7722-84-1	5.2	Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Ox. Liq. 1, H271
Acetic	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/informa Substance plicable. Mixture a acid gen peroxide	tion on ingredients Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 7722-84-1 (EC no) 231-765-0	5.2	Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332
2.2. abelli No labe 2.3. No add SECT 3.1. Not app 3.2. Name Acetic Hydrog	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/informa Substance plicable. Mixture a acid gen peroxide	Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 7722-84-1 (EC no) 231-765-0 (EC index no) 008-003-00-9 Product identifier (CAS No) 64-19-7	5.2 1.0 Specific (10 =< C <	Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 concentration limits 25) Eye Irrit. 2, H319
2.2. abelli No labe 2.3. No add SECT 3.1. Not app 3.2. Name Acetic Hydrog Name	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/informa Substance plicable. Mixture a acid gen peroxide	Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 7722-84-1 (EC no) 231-765-0 (EC index no) 008-003-00-9 Product identifier	5.2 1.0 Specific (10 =< C < (10 =< C < (25 =< C <	Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 concentration limits 25) Eye Irrit. 2, H319 25) Skin Irrit. 2, H315 90) Skin Corr. 1B, H314
2.2. abelli No labe 2.3. No add SECT 3.1. Not app 3.2. Name Acetic Name	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/informa Substance plicable. Mixture a acid gen peroxide acid	Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 7722-84-1 (EC no) 231-765-0 (EC index no) 008-003-00-9 Product identifier (CAS No) 64-19-7 (EC no) 201-765-0 (EC index no) 008-003-00-9 Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6	5.2 1.0 Specific (10 =< C < (10 =< C < (25 =< C < (C >= 90)	Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 Concentration limits 25) Eye Irrit. 2, H319 25) Skin Irrit. 2, H315 90) Skin Corr. 1B, H314
2.2. abelli No labe 2.3. No add SECT 3.1. Not app 3.2. Name Acetic Name	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/informa Substance plicable. Mixture a acid gen peroxide	Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 7722-84-1 (EC no) 231-765-0 (EC index no) 008-003-00-9 Product identifier (CAS No) 64-19-7 (EC no) 200-580-7	5.2 1.0 Specific (10 =< C < (10 =< C < (25 =< C < (C >= 90) \$ (5 =< C < 8	Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 concentration limits 25) Eye Irrit. 2, H319 25) Skin Irrit. 2, H315 90) Skin Corr. 1B, H314
Acetic	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/informa Substance plicable. Mixture a acid gen peroxide acid	Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 7722-84-1 (EC no) 231-765-0 (EC index no) 008-003-00-9 Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 7722-84-1	5.2 1.0 Specific (10 =< C < (10 =< C < (25 =< C < (C >= 90) 3 (5 =< C < (8 =< C < (C >= 35) 3	Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 concentration limits 25) Eye Irrit. 2, H319 25) Skin Irrit. 2, H315 90) Skin Corr. 1B, H314 Skin Corr. 1A, H314 Skin Corr. 1B, H314 Skin Corr. 1A, H314 Schin Corr. 1A, H318 STOT SE 3, H335
2.2. abelli No labe 2.3. No add SECT 3.1. Not app 3.2. Name Acetic Name Acetic	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/informa Substance plicable. Mixture a acid gen peroxide acid	Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 7722-84-1 (EC no) 231-765-0 (EC index no) 008-003-00-9 Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 008-003-00-9 Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 7722-84-1 (EC no) 201-765-0	5.2 1.0 Specific (10 =< C < (10 =< C < (25 =< C < (C >= 90) (5 =< C < (B =< C < (C >= 35) (35 =< C <	Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 concentration limits 25) Eye Irrit. 2, H319 25) Skin Irrit. 2, H315 90) Skin Corr. 1B, H314 Skin Corr. 1A, H314 3) Eye Irrit. 2, H319 50) Eye Dam. 1, H318
2.2. abelli No labe 2.3. No add SECT 3.1. Not app 3.2. Name Acetic Name	Label elements ing according to Regulation (EC) No elling applicable. Other hazards litional information available. TION 3: Composition/informa Substance plicable. Mixture a acid gen peroxide acid	Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 7722-84-1 (EC no) 231-765-0 (EC index no) 008-003-00-9 Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 008-003-00-9 Product identifier (CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6 (CAS No) 7722-84-1 (EC no) 201-765-0	5.2 1.0 Specific (10 =< C < (10 =< C < (25 =< C < (C >= 90) \$ (5 =< C < (8 =< C < (C >= 35) \$ (35 =< C < (50 =< C < (50 =< C <	Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 Concentration limits 25) Eye Irrit. 2, H319 25) Skin Irrit. 2, H315 90) Skin Corr. 1B, H314 Skin Corr. 1A, H314 Skipe Irrit. 2, H319 50) Eye Irrit. 2, H319 50) Eye Irrit. 2, H315 50) Eye Irrit. 2, H315 50) Skin Irrit. 2, H315

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Name	Product identifier	%	Classification according to Directive 67/548/EEC
Acetic acid	(CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6	5.2	R10 Xn; R21 C; R35
Hydrogen peroxide	(CAS No) 7722-84-1 (EC no) 231-765-0 (EC index no) 008-003-00-9	1.0	R5 O; R8 Xn; R20/22 C; R35
Name	Product identifier	Specific concentration limits	
Acetic acid	(CAS No) 64-19-7 (EC no) 200-580-7 (EC index no) 607-002-00-6	(10 =< C < 25) (25 =< C < 90) (C >= 90) C;R35	C;R34
Hydrogen peroxide	(CAS No) 7722-84-1 (EC no) 231-765-0 (EC index no) 008-003-00-9	$(C \ge 90) C;R35$ $(5 =< C < 8) Xi;R36$ $(8 =< C < 50) Xi;R41$ $(C \ge 8) Xn;R22$ $(35 =< C < 50) Xi;R37/38$ $(C \ge 50) O;R8$ $(50 =< C < 70) C;R34$ $(C \ge 50) Xn;R20$ $(C \ge 70) C;R35$ $(C \ge 70) R5$	

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measu	ures
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	 In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation develops and persists.
First-aid measures after eye contact	 In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if wor If irritation persists, get medical attention.
First-aid measures after ingestion	: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.
4.2. Most important symptoms ar	nd effects, both acute and delayed
Symptoms/injuries after inhalation	: May cause respiratory tract irritation.
Symptoms/injuries after skin contact	: May cause slight skin irritation in sensitive individuals.
Symptoms/injuries after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/injuries after ingestion	: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
4.3. Indication of any immediate r	medical attention and special treatment needed
	case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible
SECTION 5: Firefighting measu	Ires
5.1. Extinguishing media	
Suitable extinguishing media	: Treat for surrounding material.
Unsuitable extinguishing media	: None known.
0 0	
5.2. Special hazards arising from	
Fire hazard	: Products of combustion may include, and are not limited to: oxides of carbon.
5.3. Advice for firefighters	
Protection during firefighting	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
SECTION 6: Accidental release	e measures
6.1. Personal precautions, protec	ctive equipment and emergency procedures
General measures	: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
6.2. Environmental precautions	
	fied of any large spillage to water course or drain.
Relevant water authorities should be noti	
Relevant water authorities should be notif 6.3. Methods and material for cor	ntainment and cleaning up
Relevant water authorities should be notii 6.3. Methods and material for cor For containment	ntainment and cleaning up : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable
Relevant water authorities should be notii 6.3. Methods and material for cor For containment Methods for cleaning up	 Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Use appropriate Personal Protective Equipment (PPE).
Relevant water authorities should be notif 6.3. Methods and material for con For containment Methods for cleaning up 6.4. Reference to other sections	 Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Use appropriate Personal Protective Equipment (PPE).

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SECTION 7: Handling an	nd storage			
7.1. Precautions for safe handling				
Precautions for safe handling	:	Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.		
Hygiene measures		Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.		
7.2. Conditions for safe	storage, including	any incompatibilities		
Storage conditions	:	Keep out of the reach of children. Keep container tightly closed.		
7.3. Specific end use(s)	.3. Specific end use(s)			
Not available.				
SECTION 8: Exposure c	ontrols/persor	nal protection		
8.1. Control parameters				
Acetic acid (64-19-7)				
EU	IOELV TWA (mg/	[/] m³)	25 mg/m ³	
EU	IOELV TWA (ppn	n)	10 ppm	
Hydrogen peroxide (7722-84	-1)			
United Kingdom	WEL TWA (mg/m	³)	1.4 mg/m³	
United Kingdom	WEL TWA (ppm)		1 ppm	
United Kingdom	WEL STEL (mg/r	∩ ³)	2.8 mg/m ³	
United Kingdom WEL STEL (ppm			2 ppm	
8.2. Exposure controls				
Appropriate engineering controls : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.				
Hand protection :		Wear chemically resistant protective gloves.		
Eye protection :		Safety glasses or goggles are recommended when using product.		
Skin and body protection :		: Wear suitable protective clothing.		
Respiratory protection :		: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.		
Environmental exposure controls :		Maintain levels below Community environmental protection thresholds.		
Dther information : Do not eat, smoke or drink where material is handled, processed or stored. Wash hands care before eating or smoking. Handle according to established industrial hygiene and safety prace				
SECTION 9: Physical an	-	•		

on buolo physical and	i ononnour proportioo
Physical state	: Liquid
Appearance	: Clear
Colour	: Colourless
Odour	: Acidic
Odour threshold	: No data available
рН	: 1.5 - 2
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.01
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

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Explosive limits : No data available			
9.2. Other information			
No additional information available.			
SECTION 10: Stability and reactivity			
10.1. Reactivity	normal usa		
No dangerous reaction known under conditions of	nonnai use.		
10.2. Chemical stability			
Stable under normal storage conditions.			
10.3. Possibility of hazardous reactions			
No dangerous reaction known under conditions of	normal use.		
10.4. Conditions to avoid			
Heat.			
10.5. Incompatible materials None known.			
10.6. Hazardous decomposition products			
May include, and are not limited to: oxides of carb	on.		
SECTION 11: Toxicological information	on		
11.1. Information on toxicological effects			
	: Not classified.		
ACTRIL Cold Sterilant			
LD50 oral rat	> 2000 mg/kg		
LD50 dermal rabbit	> 2000 mg/kg		
LC50 inhalation rat	> 20 mg/l/4h		
	20 mg//m		
Acetic acid (64-19-7) LD50 oral rat	3310 mg/kg		
LD50 dermal rabbit	1060 mg/kg		
LC50 inhalation rat	11.4 mg/l/4h		
Hydrogen peroxide (7722-84-1)			
LD50 oral rat	801 mg/kg		
LD50 dermal rabbit	2000 mg/kg		
LC50 inhalation rat	2 g/m³/4h		
Skin corrosion/irritation	: Based on available data, the classification criteria are not met.		
Serious eye damage/irritation	: Based on available data, the classification criteria are not met.		
Respiratory or skin sensitisation	: Based on available data, the classification criteria are not met.		
Germ cell mutagenicity	: Based on available data, the classification criteria are not met.		
Carcinogenicity	: Based on available data, the classification criteria are not met.		
Reproductive toxicity	: Based on available data, the classification criteria are not met.		
Specific target organ toxicity (single exposure)	: Based on available data, the classification criteria are not met.		
Specific target organ toxicity (repeated exposure)	: Based on available data, the classification criteria are not met.		
Aspiration hazard	: Based on available data, the classification criteria are not met.		
SECTION 12: Ecological information			
12.1. Toxicity			
Ecology - general	: Not considered to be harmful to aquatic life.		
Acetic acid (64-19-7)			
LC50 fishes 1	79 mg/l (96 h - Pimephales promelas [static])		
EC50 Daphnia 1	65 mg/l (48 h - Daphnia magna [Static])		
LC50 fish 2	75 mg/l (96 h - Lepomis macrochirus [static])		
Hydrogen peroxide (7722-84-1)			
LC50 fishes 1	16.4 mg/l (96 h - Pimephales promelas)		
EC50 Daphnia 1	18 - 32 mg/l (48 h - Daphnia magna [Static])		
LC50 fish 2	18 - 56 mg/l (96 h - Lepomis macrochirus [static])		

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12.2. Persistence and degradability			
ACTRIL Cold Sterilant			
Persistence and degradability	Not established.		
12.3. Bioaccumulative potential			
ACTRIL Cold Sterilant			
Bioaccumulative potential	Not established.		
Acetic acid (64-19-7)			
Log Pow	-0.31 (at 20 °C)		
Hydrogen peroxide (7722-84-1)			
BCF fish 1	(no bioaccumulation)		
12.4. Mobility in soil	·		
No additional information available.			
12.5. Results of PBT and vPvB assessmen	t		
No additional information available.			
12.6. Other adverse effects			
No additional information available.			
SECTION 13: Disposal consideration	e		
	5		
13.1. Waste treatment methods	. This material must be disposed of in appartance with all local state provincial and faderal		
Waste disposal recommendations	: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.		
SECTION 14: Transport information			
In accordance with ADR			
14.1. UN number			
Not regulated for transport.			
14.2. UN proper shipping name			
Not applicable.			
14.3. Transport hazard class(es)			
Not applicable.			
14.4. Packing group			
Not applicable.			
14.5. Environmental hazards			
Dangerous for the environment	: No.		
Marine pollutant	: No.		
Other information	: No supplementary information available.		
14.6. Special precautions for user	. Do not bondle until all cofety pressutions have been read and understand		
Special transport precautions	: Do not handle until all safety precautions have been read and understood.		
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code			
Not applicable.			
SECTION 15: Regulatory information			
15.1. Safety, health and environmental reg	ulations/legislation specific for the substance or mixture		
15.1.1. EU-Regulations			
No REACH Annex XVII restrictions.			
Contains no REACH candidate substance.			
15.1.2. National regulations			
No additional information available.			
15.2. Chemical safety assessment			
No chemical safety assessment has been carried	out.		

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SECTION 16: Other information

Indication of changes:		_
3.2	Modified	
Data sources	 REGULATION (EC) No 1272/2008 OF THE EUF COUNCIL of 16 December 2008 on classification mixtures, amending and repealing Directives 67/ Regulation (EC) No 1907/2006. 	n, labelling and packaging of substances and
Other information	: None.	
Full text of R-, H- and EUH-phrases:		
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Flam. Liq. 3	Flammable liquids, Category 3	
Ox. Liq. 1	Oxidising Liquids, Category 1	
Skin Corr. 1A	Skin corrosion/irritation, Category 1A	
H226	Flammable liquid and vapour	
H271	May cause fire or explosion; strong oxidiser	
H302	Harmful if swallowed	
H312	Harmful in contact with skin	
H314	Causes severe skin burns and eye damage	
H332	Harmful if inhaled	
R5	Heating may cause an explosion	
R8	Contact with combustible material may cause fire	
R10	Flammable	
R20/22	Harmful by inhalation and if swallowed	
R21	Harmful in contact with skin	
R35	Causes severe burns	
С	Corrosive	
0	Oxidising	
Xn	Harmful	

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