Trade name: Hydrogenii peroxidum 35% sol

Substance number: 212550

Version: 7 / CH Replaces Version: 6 / CH Date revised: 06.02.2024 Print date: 06.02.24

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

#### 1.1. Product identifier

Hydrogenii peroxidum 35% sol Item No. 21255000

#### Substance / product identification

REACH Registry No. 01-2119485845-22-xxxx UFI DU8D-J0HG-J007-ESNJ

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

#### Use of the substance/preparation

Cleaning agent, Oxidizing agents, Paper industry

#### Uses advised against

PC8

Biocidal products (e.g. Disinfectants, pest control)

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

#### Address/Manufacturer

Hänseler AG Industriestrasse 35 9100 Herisau Telephone no. 0041 (0)71 353 58 58 E-mail address of person responsible for this SDS

#### 1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

## SECTION 2: Hazards identification \*\*\*

## 2.1. Classification of the substance or mixture

#### Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4	H302
Acute Tox. 4	H332
Skin Irrit. 2	H315
Eye Dam. 1	H318
STOT SE 3	H335

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008 For explanation of abbreviations see section 16.

#### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



ety data sheet in accord	ance with regulation (EC) No 1907/2006	SWISS PHARMA
de name: Hydrogenii perc	oxidum 35% sol	
stance number: 212550	Version: 7 / CH	Date revised: 06.02.202
	Replaces Version: 6 / CH	Print date: 06.02.
_		
Danger		
Hazard statements		
H302	Harmful if swallowed.	
H332	Harmful if inhaled.	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H335	May cause respiratory irritation.	
Precautionary stater		
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.	
P280	Wear protective gloves/protective clothing/eye protective	ection/face protection.
P304+P340	IF INHALED: Remove victim to fresh air and keep a	at rest in a position
	comfortable for breathing.	
D205 1 D251 1 D229	5	minutos. Romovo contact
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several	
_	lenses, if present and easy to do. Continue rinsing.	
P310	Immediately call a POISON CENTER or doctor.	
P501.3	Disposal in compliance with local and national regu	lations.
Hazardous compon	ent(s) to be indicated on label (Regulation (EC	
-		(100.1272/2000)
contains ***	hydrogen peroxide solution %	
3. Other hazards		
not contain a substan does not contain a su	s no PBT substances. The product contains no vPvB s nce that has endocrine disrupting properties with respe- ubstance that has endocrine disrupting properties with	ect to human. The product
not contain a substan does not contain a su organisms.	nce that has endocrine disrupting properties with respe	ect to human. The product
not contain a substan does not contain a su organisms. CTION 3: Compos Molecular weight	nce that has endocrine disrupting properties with respensive that has endocrine disrupting properties with a sendocrine disrupting properties with sition/information on ingredients ***	ect to human. The product
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not contain a substan does not contain a su organisms. CTION 3: Compos Molecular weight	the that has endocrine disrupting properties with respension to the that has endocrine disrupting properties with the sition/information on ingredients *** 34.02 g/mol	ect to human. The product
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not contain a substar does not contain a su organisms. CTION 3: Compos Molecular weight Value Hazardous ingredier	ace that has endocrine disrupting properties with respendence that has endocrine disrupting properties with sition/information on ingredients *** 34.02 g/mol hts *** polution %	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compos Molecular weight Value Hazardous ingredier hydrogen peroxide so CAS No.	ace that has endocrine disrupting properties with respective stance that has endocrine disrupting properties with sition/information on ingredients *** 34.02 g/mol hts *** plution% 7722-84-1	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compos Molecular weight Value Hazardous ingredier hydrogen peroxide so CAS No. EINECS no.	ace that has endocrine disrupting properties with respendence that has endocrine disrupting properties with <b>sition/information on ingredients</b> *** 34.02 g/mol <b>nts</b> *** <b>plution%</b> 7722-84-1 231-765-0	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compos Molecular weight Value Hazardous ingredier hydrogen peroxide se CAS No. EINECS no. Registration no.	ace that has endocrine disrupting properties with respendence that has endocrine disrupting properties with a sendocrine disrupting properties with setting and a sendocrine disrupting properties with a setting and a setting an	ect to human. The product
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not contain a substar does not contain a su organisms. CTION 3: Compos Molecular weight Value Hazardous ingredier hydrogen peroxide so CAS No. EINECS no. Registration no. Concentration	ation (EC) No. 1272/2008) Ox. Liq. 1 H271	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compos Molecular weight Value Hazardous ingredier hydrogen peroxide so CAS No. EINECS no. Registration no. Concentration	ation (EC) No. 1272/2008)	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compos Molecular weight Value Hazardous ingredier hydrogen peroxide so CAS No. EINECS no. Registration no. Concentration	ation (EC) No. 1272/2008) OX. Liq. 1 H271 Acute Tox. 4 H302	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compos Molecular weight Value Hazardous ingredier hydrogen peroxide so CAS No. EINECS no. Registration no. Concentration	acce that has endocrine disrupting properties with respendence that has endocrine disrupting properties with         sition/information on ingredients ***         34.02       g/mol         nts ***         olution %         7722-84-1         231-765-0         01-2119485845-22-XXXX         >=       35         >=       35         ation (EC) No. 1272/2008)         Ox. Liq. 1       H271         Acute Tox. 4       H302         Acute Tox. 4       H332	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compos Molecular weight Value Hazardous ingredier hydrogen peroxide so CAS No. EINECS no. Registration no. Concentration	ation (EC) No. 1272/2008) OX. Liq. 1 H271 Acute Tox. 4 H302	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compose Molecular weight Value Hazardous ingredier hydrogen peroxide se CAS No. EINECS no. Registration no. Concentration Classification (Regul	acce that has endocrine disrupting properties with respendence that has endocrine disrupting properties with         sition/information on ingredients ***         34.02       g/mol         nts ***         olution %         7722-84-1         231-765-0         01-2119485845-22-XXXX         >=       35         >=       35         ation (EC) No. 1272/2008)         Ox. Liq. 1       H271         Acute Tox. 4       H302         Acute Tox. 4       H332	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compose Molecular weight Value Hazardous ingredier hydrogen peroxide se CAS No. EINECS no. Registration no. Concentration Classification (Regul	The second control of the second contrel of the second contrel of the second contrel of	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compose Molecular weight Value Hazardous ingredier hydrogen peroxide se CAS No. EINECS no. Registration no. Concentration Classification (Regul	The that has endocrine disrupting properties with respective as a second disrupting properties with the second disrupting properties with <b>Sition/information on ingredients</b> *** <b>34.02</b> g/mol <b>15</b> *** <b>5 blution%</b> 7722-84-1 231-765-0 01-2119485845-22-XXXX >= 35 < 50 % ation (EC) No. 1272/2008) Ox. Liq. 1 H271 Acute Tox. 4 H302 Acute Tox. 4 H332 Skin Corr. 1A H314 (Regulation (EC) No. 1272/2008) Eye Dam. 1 H318 $>= 8 < 50 \%$	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compose Molecular weight Value Hazardous ingredier hydrogen peroxide se CAS No. EINECS no. Registration no. Concentration Classification (Regul	The that has endocrine disrupting properties with respective astance that has endocrine disrupting properties with <b>Sition/information on ingredients</b> *** 34.02 g/mol <b>Ats</b> *** <b>Dolution%</b> 7722-84-1 231-765-0 01-2119485845-22-XXXX >= 35 < 50 % ation (EC) No. 1272/2008) Ox. Liq. 1 H271 Acute Tox. 4 H302 Acute Tox. 4 H302 Acute Tox. 4 H314 (Regulation (EC) No. 1272/2008) Eye Dam. 1 H318 $>= 8 < 50 \%$ Eye Irrit. 2 H319 $>= 5 < 8 \%$	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compose Molecular weight Value Hazardous ingredier hydrogen peroxide se CAS No. EINECS no. Registration no. Concentration Classification (Regul	The that has endocrine disrupting properties with respendence that has endocrine disrupting properties with <b>Sition/information on ingredients</b> *** 34.02 g/mol <b>Ats</b> *** <b>Dolution%</b> 7722-84-1 231-765-0 01-2119485845-22-XXXX >= 35 < 50 % ation (EC) No. 1272/2008) Ox. Liq. 1 H271 Acute Tox. 4 H302 Acute Tox. 4 H302 Acute Tox. 4 H314 (Regulation (EC) No. 1272/2008) Eye Dam. 1 H318 $>= 8 < 50 \%$ Eye Irrit. 2 H319 $>= 5 < 8 \%$ Ox. Liq. 1 H271 $>= 70 \%$	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compose Molecular weight Value Hazardous ingredier hydrogen peroxide se CAS No. EINECS no. Registration no. Concentration Classification (Regul	The that has endocrine disrupting properties with respendence that has endocrine disrupting properties with <b>Sition/information on ingredients</b> *** 34.02 g/mol <b>Ats</b> *** <b>Dolution%</b> 7722-84-1 231-765-0 01-2119485845-22-XXXX >= 35 < 50 % ation (EC) No. 1272/2008) Ox. Liq. 1 H271 Acute Tox. 4 H302 Acute Tox. 4 H302 Acute Tox. 4 H314 (Regulation (EC) No. 1272/2008) Eye Dam. 1 H318 $>= 8 < 50 \%$ Eye Irrit. 2 H319 $>= 5 < 8 \%$ Ox. Liq. 1 H271 $>= 70 \%$ Ox. Liq. 2 H272 $>= 50 < 70 \%$	ect to human. The product
not contain a substar does not contain a su organisms. CTION 3: Compose Molecular weight Value Hazardous ingredier hydrogen peroxide se CAS No. EINECS no. Registration no. Concentration Classification (Regul	The that has endocrine disrupting properties with respective stance that has endocrine disrupting properties with the second	ect to human. The product
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not contain a substar does not contain a su organisms. CTION 3: Compose Molecular weight Value Hazardous ingredier hydrogen peroxide se CAS No. EINECS no. Registration no. Concentration Classification (Regul	The second control of the second contrel of the second contrel of the second contrel of	ect to human. The product
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ATE oral cATE oral cATPE oral	action that has endocrine disrupting properties with respendence that has endocrine disrupting properties withSition/information on ingredients ***34.02g/molhts ***olution %7722-84-1231-765-001-2119485845-22-XXXX>=35<	ect to human. The product
ATE oral cATE oral cATPE oral	The second control of the second contrel of the second contrel of the second contrel of	ect to human. The product

Trade name: Hydrogenii peroxidum 35% sol

Substance number: 212550

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Print date: 06.02.24

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Regulation (EC) No 1272/2008, Annex VI, Note B

# SECTION 4: First aid measures

#### 4.1. Description of first aid measures

#### **General information**

Take off contaminated clothing and shoes immediately. Adhere to personal protective measures when giving first aid

#### After inhalation

Remove the casualty into fresh air and keep him calm. Irregular breathing/no breathing: artificial respiration.

#### After skin contact

Remove contaminated, soaked clothing immediately and dispose of safely. After contact with skin, wash immediately with plenty of water. Consult a doctor if skin irritation persists.

#### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Shield unaffected eye. Summon a doctor immediately.

#### After ingestion

Never give anything by mouth to an unconscious person. Let plenty of water be drunk in small gulps. Do not induce vomiting. Turn a vomiting person lying on his back onto his side. Summon a doctor immediately.

## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

#### Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas. Water spray jet

#### Non suitable extinguishing media

Full water jet, Carbon dioxide

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

The product is not combustible. In the event of fire the following can be released: Oxygen; The product supports fire. If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

#### **5.3. Advice for firefighters**

#### Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Wear protective clothing. Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: Accidental release measures

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

Use personal protective clothing. Remove persons to safety. Avoid contact with skin, eyes and clothing. Do not inhale vapours. Refer to protective measures listed in Sections 7 and 8.

#### 6.2. Environmental precautions

Do not allow to enter drains or waterways. Advise water authority if spillage has entered water course or drainage system.

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

Take up with absorbent material (eg sand, kieselguhr, universal binder). When picked up, treat material as prescribed under Section 13 "Disposal". After cleaning, flush away traces with water.

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# **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

#### Advice on safe handling

Handle and open container with care. Avoid formation of aerosols. Observe the usual precautions for handling chemicals. Smoking, eating and drinking should be prohibited in application area.

#### Advice on protection against fire and explosion

Substance/product promotes fires.

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

#### Requirements for storage rooms and vessels

Keep only in original packaging. Protect from exposure to light. Suitable materials: Use stainless steel containers. Suitable materials: PE/PTFE. Unsuitable packaging materials: aluminium, zinc, copper. Unsuitable material: iron.

#### Hints on storage assembly

Do not store together with: Alkalis, Do not store with combustible materials. Keep away from reducing agents. Do not store together with: Metals, organic materials

#### Storage classes

Storage class according to TRGS 510 5.1B 8

Oxidising hazardous substances Caustic and corrosive substances

Storage category (Switzerland)

Further information on storage conditions

Protect from heat and direct sunlight.

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

#### 8.1. Control parameters

Exposure limit values ***				
hydrogen peroxide solution %	6			
List	SUVA			
Туре	MAK			
Value	1,4	mg/m³	1	ppm(V)
Short term exposure limit	2,8	mg/m³	2	ppm(V)
Pregnancy group: S; Remarks:	SSc; OAW	/ Auge; DFG OSHA		
Derived No/Minimal Effect Lev	els (DNE	L/DMEL)		
hydrogen peroxide solution %	, 0			
Type of value	Derived N	o Effect Level (DNEL)		
Reference group	Worker			
Duration of exposure	Acute			
Route of exposure	inhalative			
Mode of action	Local effe	cts		
Concentration	3			mg/m³
Type of value	Derived N	o Effect Level (DNEL)		
Reference group	Worker	· · · · · · · · · · · · · · · · · · ·		
Duration of exposure	Long term			
Route of exposure	inhalative			
Mode of action	Local effe	cts		
Concentration	1.4	4		mg/m³
Type of value	Derived N	o Effect Level (DNEL)		
Reference group	Consumer	r í í		

Safety data sheet in accordance	with regulation (EC) No 1907/2006	HÄNSELER
Trade name: Hydrogenii peroxidum	n 35% sol	
Substance number: 212550	Version: 7 / CH	Date revised: 06.02.2024
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Duration of exposure	Acute	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	1.93	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	/ -
Concentration	0.21	mg/m³
Predicted No Effect Conc	entration (PNEC)	
hydrogen peroxide solutio		
Type of value	PNEC	
Туре	Freshwater	
Concentration	0.0126	mg/l
Type of value	PNEC	
Туре	Saltwater	
Concentration	0.0126	mg/l
Type of value	PNEC	
Conditions	Intermittend	
Concentration	0.0138	mg/l
Type of value	PNEC	
Туре	Sewage treatment plant (STP)	
Concentration	4.66	mg/l
Type of value	PNEC	
Туре	Freshwater sediment	
Concentration	0.047	mg/kg
Type of value	PNEC	
Туре	Marine sediment	
Concentration	0.047	mg/kg
Type of value	PNEC	
Туре	Soil	
Concentration	0.0023	mg/kg

#### 8.2. Exposure controls

#### General protective and hygiene measures

Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands before breaks and after work. Avoid contact with skin and eyes. Hold eye wash fountain available. Do not eat, drink or smoke during work time. Do not inhale gases. Do not inhale vapours. Do not inhale aerosols.

#### **Respiratory protection**

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. EN 141; Multi-purpose filter ABEK; Breathing apparatus in the event of aerosol or mist formation.

#### Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Safety data sheet in accordance with	n regulat	ion (EC) N	lo 1907/	2006		
Trade name: Hydrogenii peroxidum 35	% sol					
Substance number: 212550		Version:	7 / CH			Date revised: 06.02.2024
		Replaces	Version	: 6 / CH		Print date: 06.02.24
Material thickness Breakthrough time Hand protection must comply Appropriate Material Material thickness	>= 8 with EN 3 nitrile rub 0 >= 8 with EN 3 ng ntrols	874. ber - NBR .33 874.	mm h			
SECTION 9: Physical and o	chemi	cal pro	pertie	S		
9.1. Information on basic phys Physical state Colour Odour	<b>sical an</b> liquid colour acrid		ical pro	operties		
Melting point	aona					
Value	-	33			°C	
Freezing point					<b></b>	
Value Boiling point or initial boilin	> a noint :	0 and boili	na rani	A	°C	
Value	appr.	108	ing rang	JC	°C	
Flammability Not applicable						
Flash point Value		°C				
Remarks	Not ap	oplicable				
Decomposition temperature						
Value Remarks	> To av	114 oid therma	l decom	position. d	°C o not overhe	at.
pH value				,,.		
Value Concentration/H2O Temperature Source	calcul	3 100 20 ated value	to % ℃	4		
Viscosity						
<b>dynamic</b> Value Temperature		1.8 0.0	°C		mPa.s	
Partition coefficient n-octan	ol/water	(log valu	ue)			
log Pow Temperature Source	calcul	-1.57 20 ated value	°C			
Vapour pressure						



Value     0.48     hPa       Temperature     30     *C       Density and/or relative density     yalue     1.132     g/cm <sup>3</sup> Yalue     1.132     g/cm <sup>3</sup> Temperature     20     *C       9.2. Other information     Solubility in water       Remarks     Completely miscible       Explosive properties     evaluation       evaluation     non flammable       Oxidising properties     evaluation       evaluation     oxidizing       SECTION 10: Stability and reactivity       10.1. Reactivity       Product reacts with: copper (Cu), Aluminium, zinc (Zn)       10.2. Chemical stability       No decomposition if stored and applied as directed.       10.3. Possibility of hazardous reactions       Protect from heat and direct sunlight.       10.4. Conditions to avoid       Keep away from sources of heat and ignition. Protect from direct sunlight.       10.4. Conditions to avoid       Reactions with reducing agents. Organic materials       Reactions with reducing agents. Organic materials       Breactions with reducing agents. Organic materials       11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008       Acute oral toxicity (Components)       hydrogen peroxide solution, %       Speciens     rat       LD50 </th <th></th> <th></th> <th>SWISS PHARMA</th>			SWISS PHARMA
Value     0.48     hPa       Temperature     30     °C       Density and/or relative density     yalue     1.132     g/cm <sup>3</sup> Value     1.132     g/cm <sup>3</sup> Temperature     20     °C       9.1 Other information     Solubility in water       Remarks     Completely miscible       Explosive properties     evaluation       evaluation     non flammable       Oxidising properties     evaluation       evaluation     oxidizing       SECTION 10: Stability and reactivity       10.1. Reactivity       Product reacts with: copper (Cu), Aluminium, zinc (Zn)       10.2. Chemical stability       No decomposition if stored and applied as directed.       10.3. Possibility of hazardous reactions       Protect from heat and direct sunlight.       10.5. Incompatible materials       Reactions with diverging agents. Organic materials       10.6. Hazardous decomposition products       Hydrogen, Oxygen       SECTION 11: Toxicological information       11. Information on hazard classes as defined in Regulation (EC) No 1272/2008       Acute crait loxicity (Components)       Method       Caluated value (Regulation (EC) No. 1272/2008)       Acute dermal toxicity (Components)       Noticing provide solutin*       Species     ra	Trade name: Hydrogenii peroxidum 35	% sol	
Value     0.48     hPa       Temperature     30     °C       Density and/or relative density     youe     1.132     g/cm³       Yalue     1.132     g/cm³       Temperature     20     °C       9.2. Other information     Solubility in water     g/cm³       Remarks     Completely miscible       Explosive properties     evaluation     non flammable       Oxidising properties     evaluation     oxidizing       SECTION 10: Stability and reactivity     10.1. Reactivity     Product reacts with: copper (Cu), Aluminium, zinc (Zn)       10.1. Reactivity     Product reacts with: copper (Cu), Aluminium, zinc (Zn)       10.2. Chemical stability     No decomposition if stored and applied as directed.       10.3. Possibility of hazardous reactions     Protect from heat and direct sunlight.       10.4. Conditions to avoid     Keep away from sources of heat and ignition. Protect from direct sunlight.       10.4. Conditions to avoid     Reactions with reducing agents. Organic materials       Reactions with reducing agents. Organic materials     Reactions with various metals.       Reactions with reducing agents. Organic materials     11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008       Acute oral toxicity (Components)     Marko     marko       Hydrogen peroxide solution%     Species     rat       <	Substance number: 212550	stance number: 212550 Version: 7 / CH	
Temperature         30         °C.           Density and/or relative density         Value         g/cm <sup>3</sup> Temperature         20         °C           9.2. Other information         Solubility in water         g/cm <sup>3</sup> Solubility in water         Remarks         Completely miscible         Ferrice           Remarks         Completely miscible         Ferrice         Ferrice           evaluation         non flammable         Ferrice         Ferrice           Oxidising properties         evaluation         non flammable         Ferrice           Oxidising properties         evaluation         non flammable         Ferrice           Oxidising properties         evaluation         non flammable         Ferrice         Ferrice           Oxidising properties         evaluation         non flammable         Ferrice		Replaces Version: 6 / CH	Print date: 06.02.24
Temperature         30         °C.           Density and/or relative density         Value         g/cm³           Yalue         1.132         g/cm³           Temperature         20         °C           9.2. Other information         Solubility in water         g/cm³           Solubility in water         Completely miscible         Ferrice           Remarks         Completely miscible         Ferrice           Explosive properties         evaluation         non flammable           oxidizing         oxidizing         Ferrice           SECTION 10: Stability and reactivity         Product reacts with: copper (Cu), Aluminium, zinc (Zn)         Ferrice           10.2. Chemical stability         No decomposition if stored and applied as directed.         Ferrice         Ferrice           10.3. Possibility of hazardous reactions         Forect from heat and direct sunlight.         Ferrice         Ferrice           10.4. Conditions to avid         Keep away from sources of heat and ignition. Protect from direct sunlight.         Ferrice         Ferrice           10.4. Conditions to avid         Keep away from sources of heat and ignition. Protect from direct sunlight.         Ferrice         Ferrice           10.4. Conditions to avid         Ferrice         Ferrice         Ferice         Ferrice         Ferice </td <td>Value</td> <td>0.48 bP:</td> <td>2</td>	Value	0.48 bP:	2
Value       1.132       g/cm³         Temperature       20       "C         9.2. Other information       Solubility in water       Remarks       Completely miscible         Remarks       Completely miscible       Explosive properties       Explosive properties         evaluation       non flammable       Oxidising properties         evaluation       oxidizing       Sectore N10: Stability and reactivity         10.1. Reactivity       Product reacts with: copper (Cu), Aluminium, zinc (Zn)       Intervention         10.2. Chemical stability       Mode composition if stored and applied as directed.       Intervention         10.3. Possibility of hazardous reactions       Product reacts with: copper (Cu), Aluminium, zinc (Zn)         10.4. Conditions to avoid       Keep away from sources of heat and ignition. Protect from direct sunlight.         10.4. Conditions to avoid       Keep away from sources of heat and ignition. Protect from direct sunlight.         10.4. Conditions to avoid       Reactions with akalaies. Reactions with combustible substances. Reactions with various metals. Reactions with reducing agents. Organic materials         10.4. Hazardous decomposition products       Hydrogen, Oxygen         Sectore N11: Toxicological information       Mole acluated value (Regulation (EC) No 1272/2008)         Acute oral toxicity (Components)       Method       EPA <td< td=""><td></td><td></td><td>a</td></td<>			a
Temperature       20       °C         9.2. Other information       Solubility in water         Remarks       Completely miscible         Explosive properties       evaluation         evaluation       non flammable         Oxidising properties       evaluation         evaluation       oxidizing         SECTION 10: Stability and reactivity         10.1. Reactivity         Product reacts with: copper (Cu), Aluminium, zinc (Zn)         10.2. Chemical stability         No decomposition if stored and applied as directed.         10.3. Possibility of hazardous reactions         Protect from heat and direct sunlight.         10.4. Conditions to avoid         Keep away from sources of heat and ignition. Protect from direct sunlight.         10.5. Incompatible materials         Reactions with reducing agents. Organic materials         10.6. Hazardous decomposition products         Hydrogen, Oxygen         SECTION 11: Toxicological information         11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008         Acute oral toxicity (Components)         hydrogen peroxide solution %         Species       rat         LDSO       431       mg/kg         Method       EPA	Density and/or relative densi	ity	
9.2. Other information Solubility in water Remarks       Completely miscible         Explosive properties evaluation       non flammable         Oxidising properties evaluation       oxidizing         SECTION 10: Stability and reactivity Product reacts with: copper (Cu), Aluminium, zinc (Zn)       Intervention         10.1. Reactivity Product reacts with: copper (Cu), Aluminium, zinc (Zn)       Intervention         10.2. Chemical stability No decomposition if stored and applied as directed.       Intervention         10.3. Possibility of hazardous reactions Protect from heat and direct sunlight.       Intervention         10.4. Conditions to avoid Keep away from sources of heat and ignition. Protect from direct sunlight.       Intervention         10.5. Incompatible materials Reactions with reducing agenits. Organic materials       Reactions with various metals. Reactions with reducing agenits. Organic materials         10.6. Hazardous decomposition products Hydrogen, Oxygen       Information         11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008         Acute oral toxicity (Components) Hydrogen peroxide solution % Species rat LDS0 431 mg/kg Method EPA         Acute dermal toxicity (Components) Hydrogen peroxide solution % Species rabit LDS0 4060 mg/kg         LDS0 rabit       LDS0 mg/kg         LDS0 rabit       Jobit LDS0 mg/kg		5	m <sup>3</sup>
Solubility in water       Remarks       Completely miscible         Explosive properties       evaluation       non flammable         Oxidising properties       evaluation       oxidizing         evaluation       oxidizing         SECTION 10: Stability and reactivity         10.1. Reactivity       Protect reacts with: copper (Cu), Aluminium, zinc (Zn)         10.2. Chemical stability       No decomposition if stored and applied as directed.         10.3. Possibility of hazardous reactions       Protect from heat and direct sunlight.         10.4. Conditions to avoid       Keep away from sources of heat and ignition. Protect from direct sunlight.         10.5. Incompatible materials       Reactions with reducing agents. Organic materials         10.6. Hazardous decomposition products       Reactions with reducing agents. Organic materials         10.6. Hazardous decomposition products       Hydrogen, Oxygen         SECTION 11: Toxicological information       11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008         Acute oral toxicity (Components)       Method       calculate value (Regulation (EC) No. 1272/2008)         Acute oral toxicity (Components)       Hydrogen peroxide solution%       Species         Species       rat       LDO       431       mg/kg         Method       EPA       EPA       EPA </td <td>·</td> <td>20 °C</td> <td></td>	·	20 °C	
Remarks       Completely miscible         Explosive properties evaluation       non flammable         Oxidising properties evaluation       oxidizing         SECTION 10: Stability and reactivity       Section and applied as directed.         10.1. Reactivity Product reacts with: copper (Cu), Aluminium, zinc (Zn)       Intervention (Cu), Aluminium, zinc (Zn)         10.2. Chemical stability No decomposition if stored and applied as directed.       Intervention (Cu), Aluminium, zinc (Zn)         10.3. Possibility of hazardous reactions Protect from heat and direct sunlight.       Intervention (Cu), Aluminium, zinc (Zn)         10.4. Conditions to avoid Keep away from sources of heat and ginition. Protect from direct sunlight.       Intervention (Cu), Aluminium, zinc (Zn)         10.4. Conditions to avoid Keep away from sources of heat and ginition. Protect from direct sunlight.       Intervention (Cu), Aluminium, zinc (Zn)         10.4. Conditions to avoid Keep away from sources of heat and instructions with combustible substances. Reactions with various metals. Reactions with alkalies. Reactions with combustible substances. Reactions with various metals. Reactions with reducing agents. Organic materials         10.4. Hazardous decomposition products Hydrogen, Oxygen       Intervention (EC) No 1272/2008         Acute oral toxicity (Components)       Mage         Are 1080.20 05 Method       mg/kg         Are 1080.20 05 Method       mg/kg         LD50 Method       EPA         Ar			
Explosive properties evaluation       non flammable         Oxidising properties evaluation       oxidizing         SECTION 10: Stability and reactivity         10.1. Reactivity Product reacts with: copper (Cu), Aluminium, zinc (Zn)         10.2. Chemical stability No decomposition if stored and applied as directed.         10.3. Possibility of hazardous reactions Protect from heat and direct sunlight.         10.4. Conditions to avoid Keep away from sources of heat and ignition. Protect from direct sunlight.         10.5. Incompatible materials Reactions with ackalies. Reactions with combustible substances. Reactions with various metals. Reactions with ackalies. Reactions products Hydrogen, Oxygen         SECTION 11: Toxicological information Method       a 1080.20 mg/kg         11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008         Acute oral toxicity (Components)       mg/kg         hydrogen peroxide solution % Species rat LDS0       431 mg/kg         LDS0       431 Method       mg/kg         LDS0       400 Method       EPA         Acute dermal toxicity (Components)       hydrogen peroxide solution % Species rabbit LDS0       Mg/kg	-	<b>•</b> • • • • • •	
evaluation       non flammable         Oxidising properties evaluation       oxidizing         SECTION 10: Stability and reactivity         10.1. Reactivity Product reacts with: copper (Cu), Aluminium, zinc (Zn)         10.2. Chemical stability No decomposition if stored and applied as directed.         10.3. Possibility of hazardous reactions Protect from heat and direct sunlight.         10.4. Conditions to avoid Keep away from sources of heat and ignition. Protect from direct sunlight.         10.5. Incompatible materials Reactions with akalies. Reactions with combustible substances. Reactions with various metals. Reactions with akalies. Reactions with combustible substances. Reactions with various metals. Reactions with akalies. Reactions products Hydrogen, Oxygen         SECTION 11: Toxicological information U1.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute oral toxicity ATE 1080.20 mg/kg Method calculated value (Regulation (EC) No. 1272/2008)         Acute oral toxicity (Components) hydrogen peroxide solution % Species rat LD50 431 mg/kg Method EPA         Acute dermal toxicity (Components) hydrogen peroxide solution % Species rabit LD50 406 mg/kg		Completely miscible	
Oxidising properties evaluation       oxidizing         SECTION 10: Stability and reactivity         10.1. Reactivity Product reacts with: copper (Cu), Aluminium, zinc (Zn)         10.2. Chemical stability No decomposition if stored and applied as directed.         10.3. Possibility of hazardous reactions Protect from heat and direct sunlight.         10.4. Conditions to avoid Keep away from sources of heat and ignition. Protect from direct sunlight.         10.5. Incompatible materials Reactions with reducing agents. Organic materials         Reactions with reducing agents. Organic materials         10.6. Hazardous decomposition products Hydrogen, Oxygen         SECTION 11: Toxicological information Method         ATE       1080.20 0       mg/kg 0         Method       calculated value (Regulation (EC) No 1272/2008)         Acute oral toxicity Method       calculated value (Regulation (EC) No. 1272/2008)         Acute oral toxicity (Components)       mg/kg 0         Nydrogen peroxide solution% Species       431       mg/kg         LD50       431       mg/kg         LD50       rabit LD50       4060       mg/kg         Species       rabit LD50       4060       mg/kg         LD50       rabit LD50       4060       mg/kg         Acute dermal toxicity (Components)       4060       mg/kg   <		non flommoble	
evaluation     oxidizing       SECTION 10: Stability and reactivity       10.1 Reactivity Product reacts with: copper (Cu), Aluminium, zinc (Zn)       10.2 Chemical stability No decomposition if stored and applied as directed.       10.3 Possibility of hazardous reactions Protect from heat and direct sunlight.       10.4 Conditions to avoid Keep away from sources of heat and ignition. Protect from direct sunlight.       10.5 Incompatible materials Reactions with alkalies. Reactions with combustible substances. Reactions with various metals. Reactions with educing agents. Organic materials       10.6. Hazardous decomposition products Hydrogen, Oxygen       SECTION 11: Toxicological information Method       11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute oral toxicity Method       ATE     1'080.20 05 0       Method     calculated value (Regulation (EC) No. 1272/2008)       Acute oral toxicity (Components) hydrogen peroxide solution% Species       Species     rat       LD50     431       Method     EPA       Acute dermal toxicity (Components) hydrogen peroxide solution% Species       Species     rat       LD50     4060       Species     rat       LD50     4060       Method     EPA       Acute inhalational toxicity     4060		non nammable	
SECTION 10: Stability and reactivity         10.1. Reactivity       Product reacts with: copper (Cu), Aluminium, zinc (Zn)         10.2. Chemical stability       No decomposition if stored and applied as directed.         10.3. Possibility of hazardous reactions       Protect from heat and direct sunlight.         10.4. Conditions to avoid       Keep away from sources of heat and ignition. Protect from direct sunlight.         10.5. Incompatible materials       Reactions with akalies. Reactions with combustible substances. Reactions with various metals. Reactions with reducing agents. Organic materials         10.6. Hazardous decomposition products       Hydrogen, Oxygen         SECTION 11: Toxicological information         11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008         Acute oral toxicity       Method         05       Method         06       mg/kg         07       Method         1050       431         1050       431         1050       431         1050       4060         1050       4060         1050       4060         1050       4060         1050       4060	• • •	oxidizina	
10.1. Reactivity Product reacts with: copper (Cu), Aluminium, zinc (Zn)         10.2. Chemical stability No decomposition if stored and applied as directed.         10.3. Possibility of hazardous reactions Protect from heat and direct sunlight.         10.4. Conditions to avoid Keep away from sources of heat and ignition. Protect from direct sunlight.         10.5. Incompatible materials Reactions with alkalies. Reactions with combustible substances. Reactions with various metals. Reactions with alkalies. Reactions organic materials         10.6. Hazardous decomposition products Hydrogen, Oxygen         SECTION 11: Toxicological information Acute oral toxicity ATE         11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute oral toxicity O5         Acute oral toxicity (Components)         hydrogen peroxide solution % Species rat LD50       431         LD50       431         hydrogen peroxide solution % Species rabbit LD50       4060         hydrogen peroxide solution % Species rabbit LD50       4060         hydrogen peroxide solution % Species rabbit LD50       4060			
Product reacts with: copper (Cu), Aluminium, zinc (Zn) 10.2. Chemical stability No decomposition if stored and applied as directed. 10.3. Possibility of hazardous reactions Protect from heat and direct sunlight. 10.4. Conditions to avoid Keep away from sources of heat and ignition. Protect from direct sunlight. 10.5. Incompatible materials Reactions with aklalies. Reactions with combustible substances. Reactions with various metals. Reactions with reducing agents. Organic materials 10.6. Hazardous decomposition products Hydrogen, Oxygen SECTION 11: Toxicological information 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute oral toxicity ATE 1'080.20 mg/kg 05 Method calculated value (Regulation (EC) No. 1272/2008) Acute oral toxicity (Components) hydrogen peroxide solution% Species rat LD50 431 mg/kg Method EPA Acute dermal toxicity (Components) hydrogen peroxide solution% Species rat LD50 4060 mg/kg Acute inhalational toxicity	SECTION 10: Stability and	<u>reactivity</u>	
10.2. Chemical stability No decomposition if stored and applied as directed. 10.3. Possibility of hazardous reactions Protect from heat and direct sunlight. 10.4. Conditions to avoid Keep away from sources of heat and ignition. Protect from direct sunlight. 10.5. Incompatible materials Reactions with alkalies. Reactions with combustible substances. Reactions with various metals. Reactions with alkalies. Reactions with combustible substances. Reactions with various metals. Reactions with reducing agents. Organic materials 10.6. Hazardous decomposition products Hydrogen, Oxygen SECTION 11: Toxicological information 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute oral toxicity ATE 1'080.20 mg/kg 05 Method calculated value (Regulation (EC) No. 1272/2008) Acute oral toxicity (Components) hydrogen peroxide solution% Species rat LD50 431 mg/kg Method EPA Acute dermal toxicity (Components) hydrogen peroxide solution% Species rabit LD50 4060 mg/kg Acute inhalational toxicity	2	u), Aluminium, zinc (Zn)	
Protect from heat and direct sunlight. 10.4. Conditions to avoid Keep away from sources of heat and ignition. Protect from direct sunlight. 10.5. Incompatible materials Reactions with alkalies. Reactions with combustible substances. Reactions with various metals. Reactions with reducing agents. Organic materials 10.6. Hazardous decomposition products Hydrogen, Oxygen SECTION 11: Toxicological information 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute oral toxicity ATE 1'080.20 mg/kg 05 Method calculated value (Regulation (EC) No. 1272/2008) Acute oral toxicity (Components) hydrogen peroxide solution% Species rat LD50 431 mg/kg Method EPA Acute dermal toxicity (Components) hydrogen peroxide solution% Species rat LD50 4060 mg/kg Acute inhalational toxicity		d applied as directed.	
10.4. Conditions to avoid Keep away from sources of heat and ignition. Protect from direct sunlight. 10.5. Incompatible materials Reactions with alkalies. Reactions with combustible substances. Reactions with various metals. Reactions with reducing agents. Organic materials 10.6. Hazardous decomposition products Hydrogen, Oxygen SECTION 11: Toxicological information 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute oral toxicity ATE 1'080.20 mg/kg 05 Method calculated value (Regulation (EC) No. 1272/2008) Acute oral toxicity (Components) hydrogen peroxide solution% Species rat LD50 431 mg/kg Method EPA Acute dermal toxicity (Components) hydrogen peroxide solution% Species rat LD50 4060 mg/kg Acute inhalational toxicity	10.3. Possibility of hazardous	reactions	
Reactions with alkalies. Reactions with combustible substances. Reactions with various metals. Reactions with reducing agents. Organic materials  10.6. Hazardous decomposition products Hydrogen, Oxygen  SECTION 11: Toxicological information  11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008  Acute oral toxicity  ATE 1'080.20 mg/kg 05 Method calculated value (Regulation (EC) No. 1272/2008)  Acute oral toxicity (Components)  hydrogen peroxide solution % Species rat LD50 431 mg/kg Method EPA  Acute dermal toxicity (Components)  hydrogen peroxide solution % Species rabbit LD50 4060 mg/kg	10.4. Conditions to avoid	-	
Hydrogen, Oxygen  SECTION 11: Toxicological information  11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008  Acute oral toxicity  ATE 1'080.20 mg/kg 05 Method calculated value (Regulation (EC) No. 1272/2008)  Acute oral toxicity (Components)  hydrogen peroxide solution % Species rat LD50 431 mg/kg Method EPA  Acute dermal toxicity (Components)  hydrogen peroxide solution % Species rat LD50 431 mg/kg Method EPA  Acute dermal toxicity (Components)  hydrogen peroxide solution % Species rat LD50 431 mg/kg Method EPA  Acute dermal toxicity (Components)  hydrogen peroxide solution % Species rabbit LD50 4060 mg/kg	Reactions with alkalies. Reacti		s with various metals.
11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008         Acute oral toxicity         ATE       1'080.20       mg/kg         05       Method       calculated value (Regulation (EC) No. 1272/2008)         Acute oral toxicity (Components)         Acute oral toxicity (Components)         hydrogen peroxide solution%       Species       rat         LD50       431       mg/kg         Method       EPA       EPA         Acute dermal toxicity (Components)       species       rabbit         LD50       4060       mg/kg         Species       rabbit       species         Acute inhalational toxicity       4060       mg/kg		n products	
Acute oral toxicity       I'080.20 mg/kg         ATE       1'080.20 g5         Method       calculated value (Regulation (EC) No. 1272/2008)         Acute oral toxicity (Components)       hydrogen peroxide solution %         Species       rat         LD50       431         Method       EPA         Acute dermal toxicity (Components)         hydrogen peroxide solution %         Species       rat         LD50       431         Method       EPA         Acute dermal toxicity (Components)         hydrogen peroxide solution %         Species       rabbit         LD50       4060       mg/kg         Acute inhalational toxicity       Method       mg/kg	SECTION 11: Toxicological	l information	
Acute oral toxicity       I'080.20 mg/kg         ATE       1'080.20 g5         Method       calculated value (Regulation (EC) No. 1272/2008)         Acute oral toxicity (Components)       hydrogen peroxide solution %         Species       rat         LD50       431         Method       EPA         Acute dermal toxicity (Components)         hydrogen peroxide solution %         Species       rat         LD50       431         Method       EPA         Acute dermal toxicity (Components)         hydrogen peroxide solution %         Species       rabbit         LD50       4060       mg/kg         Acute inhalational toxicity       Method       mg/kg	11.1 Information on hazard cla	sses as defined in Regulation (EC	) No 1272/2008
ATE       1'080.20 05       mg/kg         Method       calculated value (Regulation (EC) No. 1272/2008)         Acute oral toxicity (Components)         hydrogen peroxide solution% Species       rat         LD50       431       mg/kg         Method       EPA         Acute dermal toxicity (Components)         hydrogen peroxide solution% Species       mg/kg         Acute dermal toxicity (Components)       mg/kg         hydrogen peroxide solution% Species       mg/kg         LD50       4060       mg/kg         Acute inhalational toxicity       4060       mg/kg		5 (	,
Method       calculated value (Regulation (EC) No. 1272/2008)         Acute oral toxicity (Components)         hydrogen peroxide solution %         Species       rat         LD50       431         Method       EPA         Acute dermal toxicity (Components)         hydrogen peroxide solution %         Species       rabbit         LD50       4060         mg/kg         Acute inhalational toxicity	-	0.0	]
Acute oral toxicity (Components) hydrogen peroxide solution % Species rat LD50 431 mg/kg Method EPA Acute dermal toxicity (Components) hydrogen peroxide solution % Species rabbit LD50 4060 mg/kg Acute inhalational toxicity	Method		2008)
hydrogen peroxide solution%         Species       rat         LD50       431       mg/kg         Method       EPA       EPA         Acute dermal toxicity (Components)       hydrogen peroxide solution%       Species         Species       rabbit       LD50       4060         Acute inhalational toxicity       4060       mg/kg			2000)
Species       rat         LD50       431       mg/kg         Method       EPA         Acute dermal toxicity (Components)          hydrogen peroxide solution%       Species         Species       rabbit         LD50       4060         Acute inhalational toxicity		•	
LD50431mg/kgMethodEPAmg/kgAcute dermal toxicity (Components)hydrogen peroxide solution % Species LD50mg/kgAcute inhalational toxicitymg/kg			
Acute dermal toxicity (Components) hydrogen peroxide solution % Species rabbit LD50 4060 mg/kg Acute inhalational toxicity	LD50		)
hydrogen peroxide solution % Speciesrabbit 4060mg/kgLD504060mg/kgAcute inhalational toxicity			
Species     rabbit       LD50     4060     mg/kg       Acute inhalational toxicity		•	
Acute inhalational toxicity	Species r	abbit	1
			,
	ATE	27.5689 mg/l	

afety data sheet in accordance	with regulation (EC) No 1907/	/2006	HÄNSELER SWISS PHARMA
rade name: Hydrogenii peroxidu	m 35% sol		
Substance number: 212550	Version: 7 / CH		Date revised: 06.02.20
	Replaces Version	:: 6 / CH	Print date: 06.02
Administration/Form	Vapors		
Method ATE	calculated value (Regulatio 3.7594	n (EC) No. 1272/2008 mg/l	3)
Administration/Form Method	Dust/Mist calculated value (Regulatio	n (EC) No. 1272/2008	3)
Skin corrosion/irritation Remarks	Irritating effects on the skin	and mucous membra	ane.
Skin corrosion/irritation	U U		
hydrogen peroxide solution Species	,		
evaluation	corrosive		
Serious eye damage/irrit			
Remarks	Risk of serious damage to e	eyes.	
Serious eye damage/irrit	ation (Components)		
hydrogen peroxide solution			
Species evaluation	rabbit	and to allog	
Remarks	irritant - risk of serious dam Corrosive	age to eyes	
Sensitization			
Species	guinea pig		
Remarks	No sensitation effect known	1.	
Sensitization (Compone	-		
hydrogen peroxide solution			
Species Remarks	guinea pig None		
Subacute, subchronic, c	hronic toxicity		
Remarks	Chronic exposure causes d	amage of respiratoy of	organs.
Subacute, subchronic, c	hronic toxicity (Componen		
hydrogen peroxide solution		,	
Route of exposure	oral		
Species NOEL	mouse 26	mg/kg	
Repeated exposure	20	iiig/kg	
Duration of exposure	90 Days		
Method	OECD 408		
Mutagenicity evaluation	Information on genotoxicity	in vitro availabla	
evaluation	No experimental indications		vo found.
Mutagenicity (Componer	•	0 ,	
hydrogen peroxide solution	on % mammal, species unspecifi	ed	
evaluation Method	Information on genotoxicity OECD 473		
hydrogen peroxide solution Method	on % OECD 476		
hydrogen peroxide solution	on %		
Species	mouse	ionuclous test	
evaluation Method	No mutagenicity in the micr OECD 474	unucleus test.	

Safety data sheet in accordance	with regulatio	n (EC) No 1907/20	06	
Trade name: Hydrogenii peroxidu	m 35% sol			
Substance number: 212550	V	/ersion: 7 / CH		Date revised: 06.02.2024
	F	Replaces Version: 6	6 / CH	Print date: 06.02.24
Reproductive toxicity				
Remarks	No indication animals.	ons of toxic effects	were observed in	reproduction studies in
Carcinogenicity				
Route of exposure	oral			
Species	mouse	antinua al es associa		
evaluation Route of exposure	inhalative	confirmed as causing	g cancer in the e	xperiment on test animals.
Species	mouse			
evaluation	No indication	ons of carcinogenic	effects are availa	able from long-term trials.
Specific Target Organ Te	oxicity (STOT	) (Components)		
hydrogen peroxide soluti evaluation		respiratory irritatior	٦.	
11.2 Information on other	hazards			
Endocrine disrupting pr		respect to huma	ne	
The product does not cor humans.	-	-		erties with respect to
SECTION 12: Ecologica	al informati	ion		
12.1. Toxicity				
Fish toxicity (Componer	nts)			
hydrogen peroxide soluti	-			
Species		innow (Pimephales	promelas)	
LC50	16		mg/l	
Duration of exposure	96	h		
Daphnia toxicity (Compo	onents)			
hydrogen peroxide soluti				
Species EC50	Daphnia m 2.4	-	~~~/l	
Duration of exposure	48	h h	mg/l	
hydrogen peroxide soluti				
Species	Daphnia m	agna		
NOEC	0.6	53	mg/l	
Duration of exposure	21	d		
Algae toxicity (Compone	ents)			
hydrogen peroxide soluti	on %			
Species		na costatum		
NOEC	0.6			
Duration of exposure	72	h		
hydrogen peroxide soluti Species		na costatum		
ErC50	1.3		mg/l	
Duration of exposure	72			
Bacteria toxicity (Compo	onents)			
hydrogen peroxide soluti	-			
Species	activated s	ludge		
EC50	> 10	00	mg/l	
Duration of exposure	3	h		
Method	OECD 209			

		SWISS PHARMA
rade name: Hydrogenii peroxidum	35% sol	
Substance number: 212550	Version: 7 / CH	Date revised: 06.02.20
	Replaces Version: 6 / CH	Print date: 06.02
hydrogen peroxide solution	%	
Species	activated sludge	
EC50	466 mg/l 30 min	
Duration of exposure Method	OECD 209	
12.2. Persistence and degra	dability	
Physico-chemical eliminal	bility	
Remarks	The product can be degraded by abiotic, e.g processes.	. chemical or photolytic,
Biodegradability (Compon	ents)	
hydrogen peroxide solution		
Value evaluation	100 % Readily biodegradable	
12.3. Bioaccumulative poter		
Partition coefficient n-octa		
log Pow	-1.57	
Temperature	20 °C	
Source	calculated value	
12.4. Mobility in soil		
Mobility in soil		
Will not adsorb on soil.		
Mobility in soil (Componer	•	
hydrogen peroxide solution Will not adsorb on soil.	%	
12.5. Results of PBT and vP	vB assessment	
Results of PBT and vPvB a	assessment	
The product contains no PB The product contains no vP		
12.6 Endocrine disrupting p	roperties	
Endocrine disrupting prop	erties with respect to the envrionment	
The product does not conta target organisms.	in a substance that has endocrine disrupting p	roperties with respect to non-
12.7. Other adverse effects		
General information / ecol		
	uct or large quantities of it to reach ground wat ganismes. Product is slightly hazardous to wat	
ECTION 13: Disposal co	onsiderations	
13.1. Waste treatment metho	ods	
Disposal recommendation	-	
EWC waste code EWC waste code	No not dispose with rubbish.	a canitary cower oveter
	Should not be released into the local and national regulations.	ie saliilaly sewel system.
Disposal recommendation	-	
-	ings can be given for recycling.	



Trade name: Hydrogenii peroxidum 35% sol

Substance number: 212550

Version: 7 / CH Replaces Version: 6 / CH Date revised: 06.02.2024

Print date: 06.02.24

# **SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
14.1. UN number	2014	2014	2014
14.2. UN proper shipping name	HYDROGEN PEROXIDE, AQUEOUS SOLUTION	HYDROGEN PEROXIDE, AQUEOUS SOLUTION	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
14.3. Transport hazard class(es)	5.1	5.1	5.1
Subsidiary risk	8	8	8
Label	5.1	5.1	5.1
14.4. Packing group	II	II	II
Limited Quantity	11		
Transport category	2		
14.5. Environmental hazards		no	

# **SECTION 15: Regulatory information**

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

#### Water Hazard Class (Germany)

Water Hazard ClassWGK 1(Germany)Derivation of WGK according to Annex 1 No. 5.2 AwSV

#### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

# **SECTION 16: Other information**

#### Hazard statements listed in Chapter 3

H271	May cause fire or explosion; strong oxidizer.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

#### CLP categories listed in Chapter 3



Trade name: Hydrogenii peroxidum 35% sol

Trade fiame. Trydrogenii peroxide		
Substance number: 212550	Version: 7 / CH	Date revised: 06.02.2024
	Replaces Version: 6 / CH	Print date: 06.02.24
Acute Tox. 4	Acute toxicity, Category 4	
Eye Dam. 1	Serious eye damage, Category 1	
Ox. Liq. 1	Oxidising liquid, Category 1	
Skin Corr. 1A	Skin corrosion, Category 1A	
Skin Irrit. 2	Skin irritation, Category 2	

#### Supplemental information

STOT SE 3

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\* This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Specific target organ toxicity - single exposure, Category 3