Trade name: Ammonii hydroxidi sol 25%

Substance number: 208260

Version: 2 / CH Replaces Version: 1 / CH Date revised: 08.06.2021

HANSELER

Print date: 08.06.21

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

1.1. Product identifier

Ammonii hydroxidi sol 25% Item No. 20826000

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

Use of the substance/preparation

Manufacture of pharmacutical products, Manufacture of cosmetics

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 sdb@haenseler.ch 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)

Skin Corr. 1B	H314
Eye Dam. 1	H318
STOT SE 3	H335
Aquatic Acute 1	H400
Aquatic Chronic 2	H411

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



H335May cause respiratory irritation.H410Very toxic to aquatic life with long lasting effects.

	U U	(EC) No 1907/2006	
rade name: Ammonii hydrox	di sol 25%		
Substance number: 208260	Vei	rsion: 2/CH	Date revised: 08.06.202
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Precautionary statem	ents ***		
P261		st/fume/gas/mist/vapours/sp	orav
P273	Avoid release to the		
P280		oves/protective clothing/eye	
P304+P340	IF INHALED: Remo comfortable for brea	ove victim to fresh air and ke athing.	eep at rest in a position
P305+P351+P338	IF IN EYES: Rinse		veral minutes. Remove contact
P310		POISON CENTER or doctor	
	,	ed on label (Regulation	
contains ***	ammonia%		
ECTION 3: Compos	ition/informati	on on ingredients	***
Hazardous ingredien	ts ***		
ammonia%			
CAS No.	1336-21-6		
EINECS no.	215-647-6		
Registration no.	01-2119488876-14		
Concentration	>= 25	< 50 %	0
Classification (Regula			
	Skin Corr. 1B	H314	
	Eye Dam. 1 STOT SE 3	H318 H335	
	Aquatic Acute 1	H400	
	Aquatic Chronic 2	H411	
Concentration limits (Regulation (EC) No. 1	1272/2008)	
		H335 >= 5	
	•	H400 M = 10	5
CLP	Regulation (EC) No	o 1272/2008, Annex VI, Note	e B
ECTION 4: First aid	<u>measures</u>		
4.1. Description of first	aid measures		
General information			
Adhere to personal p	otective measures wh	hen giving first aid	
After inhalation			
Ensure supply of fres	n air. Summon a doct	or immediately.	
After skin contact			
	d clothing After contr	oct with ckin, wash immodia	tely with plenty of water. Summon
a doctor immediately.	a clothing. Alter conte		tery with pienty of water. Summon
After eye contact			
Separate eyelids, was doctor immediately.	sh the eyes thorough	y with water (15 min.). Rem	nove contact lenses. Summon a
After ingestion			
Drink water in small g vomiting. No trials on		hing by mouth to an uncons	scious person. Do not induce
-			
4.2. Most important syn			elayed ciousness, Vomiting, Nausea,

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing measures to suit surroundings

Non suitable extinguishing media

not applicable

5.2. Special hazards arising from the substance or mixture

The product is not combustible. Forms esplosive mixture with air are possible. In the event of fire the following can be released: Nitrogen oxides (NOx)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Use personal protective clothing.

Other information

Cool endangered containers with water spray jet. Suppress gases/vapours/mists with water spray jet. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not inhale vapours. Ensure adequate ventilation. Avoid contact with skin, eves and clothing. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Do not empty into drains.

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".

6.4. Reference to other sections

Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Do not use metal containers and metal pinings.

Storage classes

Storage class according to TRGS 510 8B

Storage category (Switzerland)

Non-combustible corrosive hazardous substances Caustic and corrosive substances

Further information on storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Observe label precautions.

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Trade name: Ammonii hydroxidi sol 25%

Substance number: 208260

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SECTION 8: Exposure con	ntrols/personal protection **	**
8.1. Control parameters		_
Derived No/Minimal Effect	Levels (DNEL/DMEL)	
ammonia%		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Acute	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	6.8	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	<i>n</i>
Concentration	6.8	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Acute	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	47.6	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Acute	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	36	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative "	
Mode of action	Systemic effects	
Concentration	47.6	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	14	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Acute	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	68	mg/kg
Type of value	Derived No Effect Level (DNEL)	
L		

Safety data sheet in accordance v	vith regulation (EC) No 1907/2006	
Frade name: Ammonii hydroxidi sol	25%	
Substance number: 208260	Version: 2 / CH	Date revised: 08.06.202
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	Consumer	
Reference group Duration of exposure	Consumer Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	68	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Acute	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	23.8	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Acute	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	7.2	mg/m³
Turne of wolve		
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term inhalative	
Route of exposure Mode of action	Systemic effects	
Concentration	23.8	mg/m³
	Derived No Effect Level (DNEL)	
Type of value	Derived No Effect Level (DNEL) Consumer	
Reference group Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	2.8	mg/m³
Tura at value		
Type of value	Derived No Effect Level (DNEL)	
Reference group Duration of exposure	Consumer Acute	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	6.8	mg/kg
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure Route of exposure	Long term oral	
Mode of action	Systemic effects	
Concentration	6.8	mg/kg
Predicted No Effect Conce	entration (PNEC)	
ammonia%		
Type of value	PNEC	
Type	Freshwater	
Concentration	0.0011	mg/l
Type of volue	DNEC	
Type of value Type	PNEC Saltwater	

	with regulation (EC) No	o 1907/2006		HANSELER C
Trade name: Ammonii hydroxidi s	ol 25%			
Substance number: 208260	Version: 2	/ CH	D	ate revised: 08.06.2021
	Replaces \	/ersion: 1/CH		Print date: 08.06.2
Concentration	0.00011		mg/l	
8.2. Exposure controls				
Respiratory protection				
necessary; Full mask, filte	er K			
Hand protection				
The glove material must before wear. Gloves shou location. Appropriate Material	ld be well cleaned before Butyl rubber - Butyl			
Material thickness Breakthrough time Appropriate Material Material thickness	> 480 m nitrile rubber - NBR	nm nin nm		
Breakthrough time		nin		
Eye protection				
Tightly fitting safety glass	es			
Body protection				
Protective clothing				
SECTION 9: Physical ar				
9.1. Information on basic p Form Colour Odour			i	
9.1. Information on basic p Form Colour Odour Odour threshold	bhysical and chemic liquid colourless pungent	al properties		
9.1. Information on basic p Form Colour Odour	bhysical and chemic liquid colourless		μg/l	
9.1. Information on basic p Form Colour Odour Odour threshold Value pH value	bhysical and chemic liquid colourless pungent 0.02	to 70.7		
9.1. Information on basic p Form Colour Odour Odour threshold Value	bhysical and chemic liquid colourless pungent	al properties		
9.1. Information on basic p Form Colour Odour Odour threshold Value pH value Temperature	bhysical and chemic liquid colourless pungent 0.02 20	to 70.7		
9.1. Information on basic p Form Colour Odour Odour threshold Value pH value Temperature Remarks	bhysical and chemic liquid colourless pungent 0.02 20	to 70.7		
9.1. Information on basic p Form Colour Odour Odour threshold Value pH value Temperature Remarks Melting point Value	bhysical and chemic liquid colourless pungent 0.02 20 strongly alkaline -57.5	to 70.7	µg/l	
9.1. Information on basic p Form Colour Odour Odour threshold Value pH value Temperature Remarks Melting point	bhysical and chemic liquid colourless pungent 0.02 20 strongly alkaline -57.5	to 70.7	µg/l	
9.1. Information on basic p Form Colour Odour Odour threshold Value pH value Temperature Remarks Melting point Value Initial boiling point and b	bhysical and chemic liquid colourless pungent 0.02 20 strongly alkaline -57.5 coiling range	to 70.7	°C	
9.1. Information on basic p Form Colour Odour Odour threshold Value pH value Temperature Remarks Melting point Value Initial boiling point and P Value	bhysical and chemic liquid colourless pungent 0.02 20 strongly alkaline -57.5 boiling range 37.7	to 70.7 °C	°C	
9.1. Information on basic p Form Colour Odour Odour threshold Value pH value Temperature Remarks Melting point Value Initial boiling point and P Value Pressure Flash point Value	bhysical and chemic liquid colourless pungent 0.02 20 strongly alkaline -57.5 boiling range 37.7 1013 °C	to 70.7 °C	°C	
9.1. Information on basic p Form Colour Odour Odour threshold Value pH value Temperature Remarks Melting point Value Initial boiling point and P Value Pressure Flash point Value Remarks	bhysical and chemic liquid colourless pungent 0.02 20 strongly alkaline -57.5 boiling range 37.7 1013 °C Not applicable	to 70.7 °C	°C	
9.1. Information on basic p Form Colour Odour Odour threshold Value pH value Temperature Remarks Melting point Value Initial boiling point and P Value Pressure Flash point Value	bhysical and chemic liquid colourless pungent 0.02 20 strongly alkaline -57.5 boiling range 37.7 1013 °C Not applicable	to 70.7 °C	°C	
9.1. Information on basic p Form Colour Odour Odour threshold Value pH value Temperature Remarks Melting point Value Initial boiling point and P Value Pressure Flash point Value Remarks Upper/lower flammability Lower explosion limit	bhysical and chemic liquid colourless pungent 0.02 20 strongly alkaline -57.5 coiling range 37.7 1013 °C Not applicable y or explosive limits 15.4	to 70.7 °C	µg/l °C ℃	
 9.1. Information on basic prometers Form Colour Odour threshold Value pH value Temperature Remarks Melting point Value Initial boiling point and Pressure Flash point Value Remarks Upper/lower flammability Lower explosion limit Upper pressure Value 	bhysical and chemic liquid colourless pungent 0.02 20 strongly alkaline -57.5 coiling range 37.7 1013 °C Not applicable y or explosive limits 15.4	to 70.7 °C	µg/l °C ℃	
 9.1. Information on basic provide a straight of the s	bhysical and chemic liquid colourless pungent 0.02 20 strongly alkaline -57.5 boiling range 37.7 1013 °C Not applicable y or explosive limits 15.4 33.6 483	to 70.7 °C hPa	μg/l °C °C %(V) %(V)	
 9.1. Information on basic prometers Form Colour Odour threshold Value pH value Temperature Remarks Melting point Value Initial boiling point and Pressure Flash point Value Remarks Upper/lower flammability Lower explosion limit Upper pressure Value 	bhysical and chemic liquid colourless pungent 0.02 20 strongly alkaline -57.5 coiling range 37.7 1013 °C Not applicable y or explosive limits 15.4 33.6 483 20	to 70.7 °C hPa	μg/l °C °C %(V) %(V) %(V)	
 9.1. Information on basic prometers Form Colour Odour threshold Value pH value Temperature Remarks Melting point Value Initial boiling point and being Value Pressure Flash point Value Remarks Upper/lower flammability Lower explosion limit Upper explosion limit Value Temperature Value Value Remarks 	bhysical and chemic liquid colourless pungent 0.02 20 strongly alkaline -57.5 boiling range 37.7 1013 °C Not applicable y or explosive limits 15.4 33.6 483	to 70.7 °C hPa	μg/l °C °C %(V) %(V)	

Replaces Version: 1 / CH Print date: 08.06.2 Temperature 20 "C Remarks solubile Partition coefficient: n-octanol/water Iog Pow log Pow -1.38 Minimum ignition energy 380 to Minimum ignition energy 380 to Minimum ignition energy 380 to 9.2 Other information Other information Other information The product is not dangerous for explosions. SEECTION 10: Stability and reactivity 10.1 Reactivity Risk of explosion with: Oxidising agents, Mercury, oxigen, Silvercompounds, hydrogen peroxide (H2O2). Halogens, Acids, Sodium hypochlorite, Salts of heavy metals, Reactions with reducing agents, heavy metals, Reactions with agents can form an explosive mixture with air. 10.3. Possibility of hazardous reactions Vapours can form an explosive mixture with air. 10.4. Chemical stability Agents can form an explosive mixture with air. 10.5. Incompatible materials aluminium (A), lead, Silvercompounds, Zinc, copper (Cu), Metals 10.6. Hazardous decomposition products Toxic gases/vapours Section 11: Information on toxicological	Safety data sheet in accordance with	h regulation (EC) No 190	7/2006	
Replaces Version: 1 / CH Print date: 08.06.2 Temperature 20 "C Remarks solubile Partition coefficient: n-octanol/water Iog Pow log Pow -1.38 Minimum ignition energy 380 to Minimum ignition energy 380 to Minimum ignition energy 380 to 9.2 Other information Other information Other information The product is not dangerous for explosions. SEECTION 10: Stability and reactivity 10.1 Reactivity Risk of explosion with: Oxidising agents, Mercury, oxigen, Silvercompounds, hydrogen peroxide (H2O2). Halogens, Acids, Sodium hypochlorite, Salts of heavy metals, Reactions with reducing agents, heavy metals, Reactions with agents can form an explosive mixture with air. 10.3. Possibility of hazardous reactions Vapours can form an explosive mixture with air. 10.4. Chemical stability Agents can form an explosive mixture with air. 10.5. Incompatible materials aluminium (A), lead, Silvercompounds, Zinc, copper (Cu), Metals 10.6. Hazardous decomposition products Toxic gases/vapours Section 11: Information on toxicological	Trade name: Ammonii hydroxidi sol 25	5%		
Remarks soluble Partition coefficient: n-octanol/water log Pow -1.38 Minimum ignition energy 380 to 680 MJ 32. Other Information Other information 0 680 MJ 32. Other Information The product is not dangerous for explosions. 585 595 595 <t< th=""><th>Substance number: 208260</th><th></th><th></th><th>Date revised: 08.06.202 Print date: 08.06.2</th></t<>	Substance number: 208260			Date revised: 08.06.202 Print date: 08.06.2
Partition coefficient: n-octanol/water log Pow -1.38 Minimum ignition energy 380 0 680 MJ 9.2. Other information The product is not dangerous for explosions. 580 MJ 9.2. Other information The product is not dangerous for explosions. 580 MJ 9.3. Reaction 10: Stability and reactivity Risk of explosion with: Oxidising agents, Mercury, oxigen, Silvercompounds, hydrogen peroxide (H2O2). Halogens, Acids, Sodium hypachlorite, Salts of heavy metals, Reactions with reducing agents, heavy metals. Risk of gintion or formation of inflammable gases or vapours with: Boron, phosphorus, Reaction with intric acid. 10.2. Chemical stability Vapours can form an explosive mixture with air. 10.3. Possibility of hazardous reactions Vapours can form an explosive mixture with air. 10.4. Conditions to avoid Protect from heat/overheating. 10.5. Incompatible materials aluminium (A), lead, Silvercompounds, Zinc, copper (Cu), Metals 10.4. Hazardous decomposition products Toxic gases/vapours SECTION 11: Toxicological information 1167.05 mg/kg 27 Method calculated value (Regulation (EC) No. 1272/2008) Acute oral toxicity (Components) 350 mg/kg 300 gspecies <td></td> <td></td> <td></td> <td></td>				
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Minimum ignition energy Minimum ignition energy 380 to 680 MJ 9.2. Other information Other information The product is not dangerous for explosions. The product is not dangerous for explosions. SECTION 10: Stability and reactivity 10.1. Reactivity Risk of explosion with: Oxidising agents. Mercury, oxigen, Silvercompounds, hydrogen peroxide (H2O2). Halogens. Acids. Sodium hypochtorite, Salts of heavy metals. Reactions with reducing agents. heavy metals. Risk of ignition or formation of inflammable gases or vapours with: Boron, phosphorus, Reaction with nitric acid. 10.2. Chemical stability Vapours can form an explosive mixture with air. 10.3. Possibility of hazardous reactions Vapours can form an explosive mixture with air. 10.3. Possibility of nazardous reactions Vapours can form an explosive mixture with air. 10.4. Conditions to avoid Protect from heat/overheating. 10.5. Incompatible materials aluminum (A), lead, Silvercompounds, Zinc, copper (Cu), Metals 11. 10.4. Lazardous decomposition products Toxic gases/vapours mg/kg 57 SECTION 11: Toxicological effects Acute oral toxicity (Components) Acute oral toxicity (Components) mg/kg 57 Method calculated value (Regulation (EC) No. 1272/2008) Acute dermal toxicity (Components) mg/kg 50 urce ammonia% Remarks No data available. Acute inhalative toxicity (Components) mg/kg 50 urce a				
Minimum ignition energy 380 to 680 MJ 9.2. Other information Other information The product is not dangerous for explosions. The product is not dangerous for explosions. SECTION 10: Stability and reactivity 10.1. Reactivity Risk of explosion with: Oxidising agents, Mercury, oxigen, Silvercompounds, hydrogen peroxide (H2O2). Halogens, Acids, Sodium hypochlorite, Salts of heavy metals. Reactions with reducing agents, heavy metals. Risk of ignition or formation of inflammable gases or vapours with: Boron, phosphorus, Reaction with nitric acid. 10.2. Chemical stability Vapours can form an explosive mixture with air. The product is not advise mixture with air. 10.3. Possibility of hazardous reactions Vapours can form an explosive mixture with air. Vapours can form an explosive mixture with air. 10.4. Conditions to avoid Protect from heat/overheating. Protect from heat/overheating. 10.5. Incompatible materials aluminium (Al), lead, Silvercompounds, Zinc, copper (Cu), Metals Store gases/vapours SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute oral toxicity (Components) ATE 1'167.05 mg/kg ATE 1'167.05 mg/kg Species rat LD50 350 mg/kg Source GESTIS-Stoffdatenbank Acute dermal toxicity (Components) ammonia% Remarks No data available. Acute inhalative	-	1.00		
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10.1. Reactivity Risk of explosion with: Oxidising agents, Mercury, oxigen, Silvercompounds, hydrogen peroxide (H2O2). Halogens, Acids, Sodium hypochlorite, Salts of heavy metals, Reactions with reducing agents, heavy metals. Risk of ignition or formation of inflammable gases or vapours with: Boron, phosphorus, Reaction with nitric acid. 10.2. Chemical stability Vapours can form an explosive mixture with air. 10.3. Possibility of hazardous reactions Vapours can form an explosive mixture with air. 10.4. Conditions to avoid Protect from heat/overheating. 10.5. Incompatible materials aluminium (Al), lead, Silvercompounds, Zinc, copper (Cu), Metals 10.6. Hazardous decomposition products Toxic gases/vapours SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute oral toxicity ATE 1'167.05 mg/kg 57 Method calculated value (Regulation (EC) No. 1272/2008) Acute oral toxicity (Components) ammonia% Species rat LD50 350 mg/kg Source GESTIS-Stoffdatenbank Acute dermal toxicity (Components) ammonia% Remarks No data available. Acute inhalative toxicity (Components) ammonia% Remarks No data available.	SECTION 10. Stability and	reactivity		
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		No data available		
NKID COTTOSIOD/ITTITATIOD	Skin corrosion/irritation			

Safety data sheet in accordance	e with regulation (EC) No 1907/2006	
Trade name: Ammonii hydroxidi s	sol 25%	
Substance number: 208260	Version: 2 / CH	Date revised: 08.06.202
	Replaces Version: 1 / CH	Print date: 08.06.2
Species	rabbit	
evaluation	strongly irritant	
Skin corrosion/irritation	(Components)	
ammonia%		
Species	rabbit	
evaluation Method	corrosive OECD 404	
Serious eye damage/irri		
evaluation	strongly irritant	
Remarks	Influence of the product with the eyes can le	ad to blindness.
Source	RTECS	
Source	29%	
Serious eye damage/irri	tation (Components)	
ammonia%		
Species	rabbit	
evaluation	irritant - risk of serious damage to eyes	
Sensitization	No. 1. Company and the	
Remarks	No data available	
Sensitization (Compone	ents)	
ammonia%		
Species evaluation	guinea pig non-sensitizing	
	chronic toxicity (Components)	
	chrome toxicity (components)	
ammonia% Remarks	No data available.	
Mutagenicity		
Remarks	No data available	
Mutagenicity (Compone	ents)	
ammonia%		
evaluation	No experimental indications on genotoxicity	in vivo found.
ammonia%		
evaluation Method	No experimental information on genotoxicity Ames test	in vitro available.
Reproductive toxicity		
Remarks	No data available	
Reproduction toxicity (
ammonia%	Somponents)	
Remarks	Indications of toxic effects are available from animals.	reproduction studies in
Carcinogenicity		
Remarks	No data available	
Carcinogenicity (Compo	onents)	
ammonia% Remarks	No evidence available on carcinogenicity.	
Specific Target Organ T		
Remarks	No data available	
	oxicity (STOT) (Components)	

ammonia% Remarks No data available SECTION 12: Ecological information *** 12.1. Toxicity General information No data available Fish toxicity (Components) ammonia% Species rainbow trout (Oncorhynchus mykiss) LC50 0.89 Duration of exposure 96 Duration of exposure 96 Duration of exposure 96 ammonia% Species Species Daphnia magna LC50 101 mg/l Duration of exposure 48 h Algae toxicity (Components) ammonia% gecies Species Chlorella vulgaris gecies C50 2700 mg/l Duration of exposure 18 d Bacteria toxicity (Components) ammonia% mmonia% Remarks No data available. 12.2.Persistence and degradability Biodegradability (Components) ammonia% readity biodegradable Ready degradability (Components) ammonia% readity biodegradable Ready deg	Safety data sheet in accordance	with regulation (EC) No 1907/2	2006	HÄNSELER
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ammonia%				
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12.5. Results of PBT and vPvB assessment	12.5. Results of PBT and v	PvB assessment		
General information	General information			



Trade name: Ammonii hydroxidi sol 25%

Substance number: 208260

Version: 2 / CH

Replaces Version: 1 / CH

Date revised: 08.06.2021

Print date: 08.06.21

There is no data available on the product apart from the information given in this subsection.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	E		
14.1. UN number	2672	2672	2672
14.2. UN proper shipping name	AMMONIA SOLUTION	AMMONIA SOLUTION	AMMONIA SOLUTION
14.3. Transport hazard class(es)	8	8	8
Label	8	R R R R R R R R R R R R R R R R R R R	R R
14.4. Packing group	ш	Ш	111
Limited Quantity	51		
Transport category	3		
14.5. Environmental hazards	ENVIRONMENTALLY HAZARDOUS	Marine Pollutant	ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

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

Water Hazard Class (Germany)

Water Hazard Class	WGK 2
(Germany) Remarks	Derivation of WGK according to Annex 1 No. 5.2 AwSV

SECTION 16: Other information



Trade name: Ammonii hydroxidi sol 25%

Substance number: 208260

Version: 2 / CH

Replaces Version: 1 / CH

Date revised: 08.06.2021

Print date: 08.06.21

Hazard statements listed in Chapter 3

H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Eye Dam. 1	Serious eye damage, Category 1
Skin Corr. 1B	Skin corrosion, Category 1B
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Supplemental information

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.