

Trade name: Pyroxylinum mit Ethanol angefeuchtet

Substance number: 067445

Version: 3 / CH

Replaces Version: 2 / CH

Date revised: 16.08.12 Date of printing: 16.08.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Pyroxylinum mit Ethanol angefeuchtet Item-No. 06744500

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG Industriestrasse 35 9101 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

2. Hazards identification

2.1. Classification of the substance or mixture

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

Classification (Regulation (EC) No. 1272/2008) Flam. Liq. 2 H225

Classification in accordance with EC directives Classification F. R11

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal Word

Danger

Hazard statements

H225

Highly flammable liquid and vapour.

Precautionary statements

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P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.
P233	Keep container tightly closed.
P243	Take precautionary measures against static discharge.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P370+P378.1	In case of fire: Use water sprayjet, carbon dioxide, alcohol-resistant foam or dry powder for extinction.
P403+P235	Store in a well-ventilated place. Keep cool.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Safety data sheet in accorda	nce with regulation (EC)	No 1907	/2006		HANSELER AG
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	Replaces	s Versio	n: 2 / CH	ł	Date of printing: 16.08.12
Hazard symbols Fighly flammable R phrases 11 S phrases 7 16 33 37/39 3. Composition/information	Highly flammable. Keep container tightly cl Keep away from source Take precautionary mea Wear suitable gloves an	s of ignit isures ag d eye/fa	gainst st	atic discharg	es.
Hazardous ingredier					
Ethanol CAS No. EINECS no. Concentration Classification	64-17-5 200-578-6 >= 25 F, R11	<	50	%	
Classification (Regul	ation (EC) No. 1272/2008) Flam. Liq. 2	H225			
Cellulose nitrate CAS No. Concentration Classification	9004-70-0 F, R11	>=	50	%	
Classification (Regu	ation (EC) No. 1272/2008) Flam. Liq. 2	H225			
4. First aid measure	<u>s</u>				

4.1. Description of first aid measures

After inhalation

Remove the casualty into fresh air and keep him calm. Irregular breathing/no breathing: artificial respiration. If necessary, give oxygen. Summon a doctor immediately.

After skin contact

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

After eye contact

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

After ingestion

Do not induce vomiting. Let plenty of water be drunk in small gulps. Never give anything by mouth to an unconscious person. Seek medical advice immediately.

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5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Excess of water

Non Suitable extinguishing media

Carbon dioxide, Foam, Dry chemical extinguisher, Sand

5.2. Special hazards arising from the substance or mixture

If a fire breaks out nearby, pressure build-up and danger of bursting are possible. Developpment of toxic gases; Nitrous gases (NOx); After extinction of the fire the material may be unstable and can reinflame or release toxic gases. On that score ensure that residues of the fire are thoroughly wetted with water.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure supply of fresh air. Avoid contact with eyes and skin. Do not inhale vapours. Use personal protective clothing. Keep away from sources of ignition - No smoking.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up Dampen, pick up mechanically and dispose of.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Never let running dry. Keep container tightly closed. Ensure adequate ventilation.

Advice on protection against fire and explosion

Do not smoke. Avoid impact and friction. Keep away from sources of heat and ignition. Use explosion-proof equipment/fittings and non-sparking tools. Take precautionary measures against static charges.

7.2. Conditions for safe storage, including any incompatibilities

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Recommended storage temperature

Value

40

C

Storage stability

Storage time: 24 months

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Keep tightly closed in a dry and cool place.

Hints on storage assembly

Do not store together with: Alkalies, corrosive substances, Amines, Oxidizing agents, Do not store with combustible liquids.

Further information on storage conditions

Protect from heat. Keep away from sources of ignition. Protect from direct sunlight.

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8. Exposure controls/per	sonal protection	
8.1. Control parameters		
Exposure limit values		
Ethanol		
List	SUVA	
Туре	MAK	
Value Short term expective limit	960 mg/m ³ 500 1920 mg/m ³ 1000	ppm(V)
Short term exposure limit Maximum limit value: 4x15;	Pregnancy group: C; Status: 2005;	ppm(V)
8.2. Exposure controls		
General protective and hy	giene measures	
Provide adequate ventilatio	-	
Respiratory protection		
Provide good ventilation of the event of gases.	working area (local exhaust ventilation if nece	essary). Breathing apparatus in
Hand protection		
Gloves (solvent-resistant)		
Appropriate Material	Butyl rubber - Butyl	
Material thickness	>= 0.5 mm	
Penetrating time	8 h	
antistatic gloves		
Eye protection		
Safety glasses with side pro	otection shield; Face shield	
Body protection		
protective overalls, antistati	C	
9. Physical and chemical	<u>properties</u>	
9.1. Information on basic ph	ysical and chemical properties	
Form	Fibre	
Colour	white	
Odour	alcohol-like	
рН		
Value	appr. 7	
Concentration/H2O	100 g/l	
Boiling point	-	
Value	C	
Remarks	No data available	
Flash point		
Value	12 0	2
Flammability self inflammable		
Explosion limits		
Lower explosion limit	3.5 %	6(V)
Upper explosion limit		o(V) 6(V)
Vapour pressure	· · · · · · · · /	- 🗸 /
Value	58.1 n	nbar
value	00.1	

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Density						
Value	>	1		kg/dm³		
Solubility in water				5		
Remarks	insolub	le				
Octanol/water partition of	coefficient (lo	g Pow)				
Reference substance	Cellulo	se nitrate				
log Pow	<	0.0				
9.2. Other information						
Bulk density						
Value		250 to	600	kg/m³		
10. Stability and reactiv	vitv					
-	<u>11 y</u>					
10.4. Conditions to avoid	of boot and ian	ition Elemon S	norka ahay	ok friction At increases of tompore	turo	
				ck. friction. At increase of tempera porizing of teh moistening mediun		
10.6. Hazardous decompo		-		c c		
Carbon monoxide and ca	•					
				gaeee, rapeare		
		, ,				
11. Toxicological inform	nation	X				
11. Toxicological inform		·				
11.1. Information on toxico		·				
11.1. Information on toxico Acute oral toxicity	ological effe	·				
11.1. Information on toxico Acute oral toxicity Species	ological effe	cts		mg/kg		
11.1. Information on toxico Acute oral toxicity	ological effe	cts		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50	rat > 20	cts		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species	rat > 20 OECD 401 rabbit	cts 00		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure	rat > 20 OECD 401 rabbit 4	cts 00 h		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation	rat > 20 OECD 401 rabbit 4 non-irritant	cts 00 h		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404	cts 00 h		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404	cts 00 h		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit Species Duration of exposure	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404	cts 00 h		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit Species Duration of exposure valuation	rat rat > 20 OECD 401 rabbit 4 non-irritant OECD 404 tation rabbit 24 non-irritant	cts 00 h		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit Species Duration of exposure	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404 tation rabbit 24	cts 00 h		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit Species Duration of exposure valuation method	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404 tation rabbit 24 non-irritant OECD 405	cts 00 h		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit Species Duration of exposure valuation method	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404 tation rabbit 24 non-irritant OECD 405	cts 00 h		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit Species Duration of exposure valuation method	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404 tation rabbit 24 non-irritant OECD 405	cts 00 h		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit Species Duration of exposure valuation method 12. Ecological informati 12.1. Toxicity Fish toxicity Reference substance	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404 tation rabbit 24 non-irritant OECD 405 ion	cts 00 h		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit Species Duration of exposure valuation method 12. Ecological informat 12.1. Toxicity Fish toxicity Reference substance Species	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404 tation rabbit 24 non-irritant OECD 405 ton Cellulose r zebra fish	cts 00 h				
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit Species Duration of exposure valuation method 12. Ecological informat 12.1. Toxicity Fish toxicity Reference substance Species LC50	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404 tation rabbit 24 non-irritant OECD 404 tation cellulose r zebra fish > 50	cts 00 h		mg/kg		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit Species Duration of exposure valuation method 12. Ecological informat 12.1. Toxicity Fish toxicity Reference substance Species LC50 Duration of exposure	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404 tation rabbit 24 non-irritant OECD 404 tation Cellulose r zebra fish > 50 96	cts 00 h itrate (Brachydanio re 00 h				
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit Species Duration of exposure valuation method 12. Ecological informat 12.1. Toxicity Fish toxicity Reference substance Species LC50	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404 tation rabbit 24 non-irritant OECD 404 tation cellulose r zebra fish > 50	cts 00 h itrate (Brachydanio re 00 h				
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit Species Duration of exposure valuation method 12. Ecological informat 12.1. Toxicity Fish toxicity Reference substance Species LC50 Duration of exposure method Reference substance Species	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404 tation rabbit 24 non-irritant OECD 405 ion Cellulose r zebra fish > 50 96 OECD 203 Ethanol zebra fish	cts 00 h itrate (Brachydanio re 00 h s (Brachydanio re	erio)	mg/l		
11.1. Information on toxico Acute oral toxicity Species LD50 method Skin corrosion/irritation Species Duration of exposure valuation method Serious eye damage/irrit Species Duration of exposure valuation method 12. Ecological informat 12.1. Toxicity Fish toxicity Reference substance Species LC50 Duration of exposure method Reference substance	rat > 20 OECD 401 rabbit 4 non-irritant OECD 404 tation rabbit 24 non-irritant OECD 405 ion Cellulose r zebra fish > 50 96 OECD 203 Ethanol	cts 00 h itrate (Brachydanio re 00 h s (Brachydanio re 40	erio)			

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Daphnia toxicity						
Reference substance	Cellulos					
Species	Daphnia	•				
EC50 Duration of exposure		10000 48	h	mg/l		
method	OECD 2					
Algae toxicity						
Reference substance	Cellulos	e nitrate				
EC/LC50		10000		mg/l		
Duration of exposure		78	h			
Bacteria toxicity						
Reference substance EC50	Cellulos >	e nitrate 10000		mg/l		
method	OECD 2			ilig/i		
Reference substance	Ethanol					
EC50		6500		mg/l		
12.2. Persistence and deg	adability					
Biodegradability	-					
Reference substance	Cellulos	e nitrate				
Value		20		%		
Duration of test method	OECD 3	28 01 B	d			
Reference substance	Ethanol	UID				
Value	>	90		%		
valuation	Readily	biodegrad	dable			
12.3. Bioaccumulative pote	ential					
Octanol/water partition of	oefficient (log Pow	/)			
Reference substance	Cellu	lose nitra	te			
log Pow	<	0.0				
12.5. Results of PBT and v Evaluation of persistanc Due to the distribution co	e and bioa	ccumula	ation potentia		is not possible.	
3. Disposal considerat	ions					
13.1. Waste treatment met						
Disposal recommendation		•				
Disposal in compliance w			egulations.			
Disposal recommendation Dispose of as unused pro	-	кауіпд				
Dispose of as unused pro Disposal in compliance w		national r	egulations.			
4. Transport information	<u>on</u>					
Land transport ADR/RID						
14.1. UN number						
UN 2556	2mo					
14.2. UN proper shipping n						
NEROCELLULOSE WIT						
NITROCELLULOSE WIT 14.3. Transport hazard clas						

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Class	4.1				
Label	4.1				
14.4. Packing group					
Packing group	II				
 14.1. UN number UN 2556 14.2. UN proper shipping na NITROCELLULOSE WITH 14.3. Transport hazard class Class 14.4. Packing group Packing group 14.5. Environmental hazard no 	I ALCOHOL s(es) 4.1 II				
Air transport ICAO/IATA 14.1. UN number					
UN 2556					
14.2. UN proper shipping na					
NITROCELLULOSE WITH					
14.3. Transport hazard clas					
Class	4.1				
14.4. Packing group					
Packing group	II				

<u>15. Regulatory information</u>

16. Other information

R-phrases listed in chapter 3

Highly flammable.

Hazard statements listed in chapter 3

H225

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Highly flammable liquid and vapour.

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.