



Trade name: Pyroxylinum mit Ethanol angefeuchtet

Substance number: 067445

Version: 3 / CH

Date revised: 16.08.12

Replaces Version: 2 / CH

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
sdb@haenseler.ch

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

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.



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Hazard symbols

Highly flammable

R phrases

11 Highly flammable.

S phrases

7 Keep container tightly closed.
 16 Keep away from sources of ignition - No smoking.
 33 Take precautionary measures against static discharges.
 37/39 Wear suitable gloves and eye/face protection.

3. Composition/information on ingredients**Hazardous ingredients****Ethanol**

CAS No.	64-17-5				
EINECS no.	200-578-6				
Concentration	>= 25	<	50	%	
Classification	F, R11				

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

CAS No.	9004-70-0				
Concentration		>=	50	%	
Classification	F, R11				

Classification (Regulation (EC) No. 1272/2008)	Flam. Liq. 2	H225
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4. First aid measures**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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8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Ethanol

List	SUVA			
Type	MAK			
Value	960	mg/m ³	500	ppm(V)
Short term exposure limit	1920	mg/m ³	1000	ppm(V)
Maximum limit value: 4x15; Pregnancy group: C; Status: 2005;				

8.2. Exposure controls

General protective and hygiene measures

Provide adequate ventilation.

Respiratory protection

Provide good ventilation of working area (local exhaust ventilation if necessary). Breathing apparatus in the event of gases.

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 protection shield; Face shield

Body protection

protective overalls, antistatic

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Fibre
Colour	white
Odour	alcohol-like
pH	
Value	appr. 7
Concentration/H ₂ O	100 g/l
Boiling point	
Value	°C
Remarks	No data available
Flash point	
Value	12 °C
Flammability	
self inflammable	
Explosion limits	
Lower explosion limit	3.5 % (V)
Upper explosion limit	15.0 % (V)
Vapour pressure	
Value	58.1 mbar



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DensityValue > 1 kg/dm³**Solubility in water**

Remarks insoluble

Octanol/water partition coefficient (log Pow)Reference substance Cellulose nitrate
log Pow < 0.0**9.2. Other information****Bulk density**Value 250 to 600 kg/m³**10. Stability and reactivity****10.4. Conditions to avoid**

Keep away from sources of heat and ignition. Flames. Sparks. shock. friction. At increase of temperature the stability decrease and the product will be degraded. Prevent vaporizing of the moistening medium.

10.6. Hazardous decomposition productsCarbon monoxide and carbon dioxide, nitrous oxides (NO_x), Toxic gases/vapours**11. Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**Species rat
LD50 > 2000 mg/kg
method OECD 401**Skin corrosion/irritation**Species rabbit
Duration of exposure 4 h
valuation non-irritant
method OECD 404**Serious eye damage/irritation**Species rabbit
Duration of exposure 24
valuation non-irritant
method OECD 405**12. Ecological information****12.1. Toxicity****Fish toxicity**Reference substance Cellulose nitrate
Species zebra fish (Brachydanio rerio)
LC50 > 5000 mg/l
Duration of exposure 96 h
method OECD 203
Reference substance Ethanol
Species zebra fish (Brachydanio rerio)
LC50 > 8140 mg/l
Duration of exposure 48 h



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Daphnia toxicity

Reference substance	Cellulose nitrate		
Species	Daphnia magna		
EC50	> 10000		mg/l
Duration of exposure	48	h	
method	OECD 202		

Algae toxicity

Reference substance	Cellulose nitrate		
EC/LC50	> 10000		mg/l
Duration of exposure	78	h	

Bacteria toxicity

Reference substance	Cellulose nitrate		
EC50	> 10000		mg/l
method	OECD 209		
Reference substance	Ethanol		
EC50	6500		mg/l

12.2. Persistence and degradability**Biodegradability**

Reference substance	Cellulose nitrate		
Value	appr. 20		%
Duration of test	28	d	
method	OECD 301 B		
Reference substance	Ethanol		
Value	> 90		%
valuation	Readily biodegradable		

12.3. Bioaccumulative potential**Octanol/water partition coefficient (log Pow)**

Reference substance	Cellulose nitrate		
log Pow	< 0.0		

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential**

Due to the distribution coefficient n-octanol/water, accumulation in organisms is not possible.

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.

Disposal in compliance with local and national regulations.

14. Transport information**Land transport ADR/RID****14.1. UN number**

UN 2556

14.2. UN proper shipping name

NITROCELLULOSE WITH ALCOHOL

14.3. Transport hazard class(es)



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Class	4.1
Label	4.1

14.4. Packing group

Packing group	II
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Marine transport IMDG/GGVSee**14.1. UN number**

UN 2556

14.2. UN proper shipping name

NITROCELLULOSE WITH ALCOHOL

14.3. Transport hazard class(es)

Class	4.1
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14.4. Packing group

Packing group	II
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14.5. Environmental hazards

no

Air transport ICAO/IATA**14.1. UN number**

UN 2556

14.2. UN proper shipping name

NITROCELLULOSE WITH ALCOHOL

14.3. Transport hazard class(es)

Class	4.1
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14.4. Packing group

Packing group	II
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15. Regulatory information**16. Other information****R-phrases listed in chapter 3**

11	Highly flammable.
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Hazard statements listed in chapter 3

H225	Highly flammable liquid and vapour.
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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.