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Product name: **CANNAZYM**

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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**Product name: **CANNAZYM**Address: **CANNA International BV  
P.O. Box 161  
4900 AD Oosterhout NB**Phone: **++31 (0)162 - 494843**Fax: **++31 (0)162 - 495999**

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical name: **Cellulases (E.C. 3.2.1), Vitamins**  
Trade name: **CANNAZYM**  
Chemical family: **Enzymes, Vitamins**  
CAS No: **9074-98-0/None**

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**3. HAZARDS IDENTIFICATION**

Enzymes can have an irritating effect on the eyes.

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**4. FIRST-AID MEASURES**Skin Contact: **Wash with plenty soap and water**  
Eye Contact: **Flush with water**  
Inhalation: **None**  
Ingestion: **drink a copious amount of water.**

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**5. FIRE-FIGHTING MEASURES**Unusual fire and explosion hazards: **None**  
Special fire fighting procedures: **None**

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**6. ACCIDENTAL RELEASE MEASURES**Personal protection:  
**No special measures necessary**  
Steps to be taken in case material is released or spilled:  
**Remove mechanically with absorbent material or wash away with water.**  
Waste disposal Method:  
**Follow Federal, State and Local Regulations for Liquid Waste.**

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**7. HANDLING AND STORAGE**

Handling:

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Avoid contact with skin or eyes.

## Storage:

Store above 2 degrees and below 25°C if possible.

Do not expose to direct sunlight.

Keep out of reach of children.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

The product is not explosive.

Good working practice suggests use of gloves and goggles.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form:	liquid
Colour:	red/brown
Odour:	light odour
Odour threshold (ppm):	-
pH (value):	4,0-4.5
Boiling point (deg C):	-
Melting point (deg C):	-
Flashpoint (deg C):	-
Flammable limits:	-
Auto ignition temperature (deg C):	-
Explosive properties:	-
HLB:	-
Oxidizing properties:	-
Vapour pressure (mm Hg):	-
Density (g/l):	1003
Solubility (water):	100 %
Solubility (other):	-
Partition coefficient:	-
Viscosity (mPa.s):	-

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**10. STABILITY AND REACTIVITY**

Stability:	stable
Incompatibility (materials to avoid):	none known
Hazardous decomposition or by-products:	none
Hazardous polymerisation:	will not occur
Conditions to avoid:	none known

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**11. TOXICOLOGICAL INFORMATION**

Carcinogen:	no effects reported
Effects during exposure:	
Inhalation	no effect known
Skin contact	long term exposure can cause slight irritations
Eye contact	can cause slight irritation

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**12. ECOLOGICAL INFORMATION**

LD-50 (Rat): > 2 g/kg. NOT TOXIC  
LC-50 (Fish): > 100 mg/l  
EC-50 (Daphnia): > 100 mg/l  
IC-50 (Algae): > 100 mg/l NOT DANGEROUS FOR THE ENVIRONMENT

Persistence and degradation:

biological degradable

Effect on effluent treatment:

The product is anticipated to be substantially removed in biological treatment processes.

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**13. DISPOSAL CONSIDERATIONS**

Disposal should be in accordance with local, state and national legislation.

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**14. TRANSPORT INFORMATION**

Road and Railroad:	ADR:	NON HAZARDOUS
	GGVS:	NON HAZARDOUS
	RID:	NON HAZARDOUS
	GGVE:	NON HAZARDOUS
Shipping:	ADNR:	NON HAZARDOUS
	IMDG/GGVSee-code	NON HAZARDOUS
By Air:	ICAO/IATA-DGR:	NON HAZARDOUS
By Mail:	ALLOWED	

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**15. REGULATORY INFORMATION**

Designation according to EC guidelines:

The material is not subject to classification according to EC lists

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**16. OTHER INFORMATION**

These data are based on present knowledge. However they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.