

Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 19/01/2018 Revision date: 23/03/2018 Supersedes: 23/03/2018

Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Trade name : NATUR FINE PRESTIGE

Type of product : For œnological use

Product group : Trade product

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

1.2.1. Relevant identified uses

Main use category : Professional use

Industrial/Professional use spec : For professional users only

Use of the substance/mixture : For œnological use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

LAMOTHE-ABIET

Avenue Ferdinand de Lesseps ZA-ACTIPOLIS

33610 CANEJAN - FRANCE

T +33557779292 - F +33556864002

contact@lamothe-abiet.com

1.4. Emergency telephone number

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Country	Organisation/Compan	Address	Emergency	Comment
	у		number	
Australia	NSW Poisons	The Children's Hospital	13 11 26	
	Information Centre	at Westmead	+56 2 2 247 3600	
		Locked Bag 4001		
		NSW 2145 Westmead		
Canada	Ontario Poison Centre	The Hospital for Sick	1-800-268-9017	
	(OPC)	Children	(416) 813-5900	
		555 University Avenue		
		ON M5G 1X8 Toronto		
Canada	BC Drug and Poison	655 West 12th Avenue	1-800-567-8911	
	Information Centre (DPIC)	BC V5Z 4R4 Vancouver	(604) 682-5050	
China	National Poison Control	Chinese Center for	+86 10 831 32 046	
	Center	Disease Control and		
		Prevention		
		Nanwei road, No.29		
		100050 Beijing		
Croatia	Centar za kontrolu	Ksaverska Cesta 2	+385 1 234 8342	
	otrovanja	p.p. 291		
	Institut za medicinska	10000 Zagreb		
	istraživanja i medicinu			
	rada			
Czech	Toxikologické	Na Bojišti 1	+420 224 919 293	
Republic	informační středisko	120 00 Praha 2	+420 224 915 402	
	Klinika pracovního			
	lékařství VFN a 1. LF UK			
Georgia	National Toxicology	Tbilisi State Medical	+995 99 533320	
	Information Advisory	University		
	Center	Department of		
		Toxicology - 7 Asatiani		
		St.		
		380 077 Tbilisi		
Greece	Poisons Information	11762 Athens	+30 2 10 779 3777	
	Centre			
	Children's Hospital P&A			
	Kyriakou			

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Country	Organisation/Compan	Address	Emergency	Comment
	у		number	
Hungary	Országos Kémiai Biztonsági Intézet Egészségügyi Toxikológiai Tájékoztató Szolgálat	Nagyvárad tér 2. 1437 Budapest, Pf. 839 1097 Budapest	+36 80 20 11 99	
Israel	Israel Poison Information Center Rambam Health Care Campus	6 Ha'Aliya Street 31096 Haifa	+972 4 854 1900	
Japan	Japan Poison Information Center	Tsukuba Medical Center 1-1-1 Amakubo 305-0005 Tsukuba City, Ibaraki	+81-29-856-3566 +81-72-727-2499	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
New Zealand	National Poisons Centre	Dunedin School of Medicine, University of Otago PO Box 913 9054 Dunedin	0800 764 766 +56 2 2 247 3600	
Poland	National Poisons Information Centre The Nofer Institute of Occupational Medicine (Łódź)	ul. Teresy 8 P.O. BOX 199 90950 Łódź	+48 42 63 14 724	
Romania	Department of Clinical Toxicology Spitalul de Urgenta Floreasca	Calea Floreasca Bucuresti	+40 21 230 8000	

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Country	Organisation/Compan	Address	Emergency	Comment
	у		number	
Russia	Информационно- консультативный центр по токсикология (RTIAC) Министерство здравоохранения Российской Федерации	3 Сухаревская Площадь Блок 7 129090 г. Москва	+7 495 628 1687 (только на русском)	
Slovenia	Center za klinično toksikologijo in farmakologijo Interna klinika, UKCL	Zaloška cesta 7 1525 Ljubljana	+386 41 650 500	
South Africa	Tygerberg Poison Information Centre	Division of Clinical Pharmacology Faculty of Medicine and Heath Sciences Stellenbosch University - PO Box 241 8 000 Cape Town	0861 555 777 +56 2 2 247 3600	
Turkey	Ulusal Zehir Merkezi (UZEM) Refik Saydam Hıfzısıhha Merkezi Başkanlığı	Cemal Gürsel Cd. No: 18 Sıhhiye Çankaya 6590 Ankara	114	Information is provided to public and medical personnel on poisoning incidents via 114.
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	
United States of America	American Association of Poison Control Centers	515 King St., Suite 510 VA 22314 Alexandria	1-800-222-1222 +56 2 2 247 3600	

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Respiratory sensitisation, Category H334

1

Full text of H statements: see section 16

Adverse physicochemical, human health and environmental effects

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to displayExtra classification(s) to display

Hazard pictograms (CLP) :



GHS08

Signal word (CLP) : Danger

Hazard statements (CLP) : H334 - May cause allergy or asthma symptoms or breathing difficulties if

inhaled.

Precautionary statements (CLP) : P261 - Avoid breathing dust, fume, gas, mist, vapours, spray.

P285 - In case of inadequate ventilation wear respiratory protection P342+P311 - If experiencing respiratory symptoms: Call a POISON

CENTER, a doctor.

P304+P341 - IF INHALED: if breathing is difficult, remove victim to fresh

air and keep at rest in a position comfortable for breathing

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2.3. Other hazards

Other hazards not contributing to the classification

: May cause sensitization by inhalation and skin contact. mild eye irritation. mild skin irritation.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Polygalacturonase enzyme	(CAS-No.) 9032-75-1 (EC-No.) 232-885-6	0,1 - 1	Resp. Sens. 1, H334

Full text of H-statements: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If symptoms persist call a doctor. Sensitisation : contact can cause allergic

reactions in humans. Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If

symptoms persist, call a physician. If experiencing respiratory symptoms:

Call a poison center or a doctor.

First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing,

and wash immediately with plenty of water and soap. If symptoms

persist, call a physician. Wash skin with plenty of water.

First-aid measures after eye contact : In case of eye contact, immediately rinse with clean water for 10-15

minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Rinse eyes

with water as a precaution.

First-aid measures after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Do

not induce vomiting. Immediately give plenty of water. Never give anything by mouth to an unconscious person. Call a poison center or a

doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : More detailed information: See section 11.

Symptoms/effects after inhalation : May cause allergy or asthma symptoms or breathing difficulties if

inhaled.

Symptoms/effects after skin contact : Slight irritation.

Symptoms/effects after eye contact : mild eye irritation.

Symptoms/effects after ingestion : May cause irritation to the digestive tract.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : carbon dioxide (CO2), powder, alcohol-resistant foam, water spray. Water

spray. Dry powder. Foam.

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Unsuitable extinguishing media : Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products

: Toxic fumes may be released.

in case of fire

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

Self-contained breathing apparatus. Complete protective clothing.

Other information : Do not contaminate ground and surface water. Dispose in a safe manner

in accordance with local/national regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear personal protective equipment.

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing

dust, mist or spray. Avoid breathing dust/fume/gas/mist/vapours/spray.

Measures in case of dust release : Avoid dust formation.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For

further information refer to section 8: "Exposure controls/personal

protection".

6.2. Environmental precautions

Avoid release to the environment. Do not flush into surface water or sewer system.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. Contain leaking substance, pump over

in suitable containers. Clean contaminated surfaces with an excess of

water.

Other information : Dispose of materials or solid residues at an authorized site.

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6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective

equipment. Store tightly closed in a dry and cool place. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands

after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep only in the original container.

Storage conditions : Keep in a well-ventilated room. Store in a dry, cool place. Keep out of

direct sunlight. Keep container tightly closed to prevent moisture pick-up.

Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

For œnological use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

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8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Refer to protective measures listed in Sections 7 and 8.

Materials for protective clothing:

Long sleeved protective clothing

Hand protection:

In case of repeated or prolonged contact wear gloves. Nitrile rubber gloves. Butyl rubber gloves. Latex gloves. Wash hands immediately after handling the product

Eye protection:

Safety glasses

Туре	Use	Characteristics	Standard
Safety glasses	Dust	With side shields	EN 166

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. [In case of inadequate ventilation] wear respiratory protection.

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Environmental exposure controls:

Do not allow into drains or water courses. May be discharged to wastewater treatment installation. Avoid release to the environment.

Other information:

Do not eat, drink or smoke during work. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Powder.

Colour : Beige. pale.

Odour : Product (article) characteristics.

Odour threshold : No data available

pH : No data available

Relative evaporation rate : No data available

(butylacetate=1)

Melting point : No data available

Freezing point : Not applicable

Boiling point : No data available

Flash point : Not applicable

Auto-ignition temperature : Not applicable

Decomposition temperature : No data available

Flammability (solid, gas) : Non flammable.

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Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : Not applicable

Solubility : Soluble in water.

Log Pow : No data available

Viscosity, kinematic : Not applicable

Viscosity, dynamic : No data available

Explosive properties : No data available

Oxidising properties : No data available

Explosive limits : Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat. flames or sparks. Moisture.

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10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Polygalacturonase	onzvmo	(0032	75_1\
Polygalacturonase	enzvme	19032-	/ 2-TI

LD50 oral rat > 2000 mg/kg

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : May cause allergy or asthma symptoms or breathing difficulties if

inhaled.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

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Aspiration hazard : Not classified

Potential adverse human health

: Sensitisation : contact can cause allergic reactions in humans.

effects and symptoms

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause

long-term adverse effects in the environment.

Acute aquatic toxicity : Not classified Chronic aquatic toxicity : Not classified

Polygalacturonase enzyme (9032-75-1)		
LC50 fish 1	58,3 - 326,7 mg/l	
EC50 Daphnia 1	≈ 31,7 - 457 mg/l	
ErC50 (algae)	> 5,2 mg/l 72h	

12.2. Persistence and degradability

Polygalacturonase enzyme (9032-75-1)	
Persistence and degradability	Readily biodegradable.

12.3. Bioaccumulative potential

Polygalacturonase enzyme (9032-75-1)	
Log Pow	< 0

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Polygalacturonase enzyme (9032-75-1)	
Bioaccumulative potential	There is no bioaccumulation.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

Other adverse effects 12.6.

Other adverse effects : Do not allow to enter drains or water courses.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's

sorting instructions.

Sewage disposal recommendations : No known adverse effects on the functioning of water treatment plants

under normal use conditions as recommended.

: Empty remaining contents. Dispose of contents/container in accordance

Product/Packaging disposal

recommendations

with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : Not applicable UN-No. (IMDG) : Not applicable UN-No. (IATA) : Not applicable UN-No. (ADN) : Not applicable

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UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

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14.5. Environmental hazards

Dangerous for the environment : No Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

- Inland waterway transport

Not applicable

- Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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15.1.2. National regulations

Germany

Reference to AwSV : Water hazard class (WGK) 3, severe hazard to waters (Classification

according to AwSV, Annex 1)

12th Ordinance Implementing the

Federal Immission Control Act -

12.BImSchV

: Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende

stoffen

: Polygalacturonase enzyme is listed

SZW-lijst van mutagene stoffen

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen -

Borstvoeding

: Polygalacturonase enzyme is listed: None of the components are listed

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen -

Vruchtbaarheid

: None of the components are listed

NIET-limitatieve lijst van voor de

voortplanting giftige stoffen -

Ontwikkeling

: None of the components are listed

Denmark

Recommendations Danish Regulation: Young people below the age of 18 years are not allowed to use the

product

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier No chemical safety assessment has been carried out

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SECTION 16: Other information

Full text of H- and EUH-statements:		
Resp. Sens. 1 Respiratory sensitisation, Category 1		
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product