

SAFETY DATA SHEET

LAMINA VARNISH

1 IDENTIFICATION OF THE MIXTURE AND THE COMPANY

1.1 Product identifier

Product name LAMINA VARNISH

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

Description/Application Water dispersion of synthetic polymers

1.3 Details of the Australian importer

Name: Calce Company Pty Ltd
Full address: 24/13-15 Baker Street, Banksmeadow NSW 2019, Australia
Phone: +61 2 9666 4492
E-mail address: info@calcecompany.com

Details of the manufacturer and supplier of the safety data sheet

Name: Bericalce Srl
Full address: Via Piave 23, 36033 Isola Vicentina (VI), Italy
Phone: +39 0444 929102
E-mail address of the competent person: info@bericalce.com

1.4 Emergency telephone number

For urgent inquiries refer to: Emergency Services (Australia) 000
Poisons Information Centre (Australia) 13 11 26 (24 h / 7 days)

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):
The product is not considered dangerous according to EC Regulation 1272/2008 (CLP).
Physico-chemical effects harmful to human health and the environment.

2.2 Label elements

Hazard pictograms: None
Hazard statements: None
Precautionary Tips: None
Special provisions: EUH210 Safety data sheet available on request.
Contains: 1,2-benzisothiazol-3 (2H) -one: May produce an allergic reaction.
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one
[EC no. 247-500-7]; 2-methyl-2H-isothiazol-3-one
[EC no. 220-239-6] (3: 1)
May produce an allergic reaction.

2.3 Other dangers

VPvB Substances: None - PBT Substances: None
Other dangers:
No other dangers

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3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

No relevant information.

3.2 Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

$\geq 0.005\%$ - $< 0.01\%$ 1,2-benzisotiazol-3(2H)-one

CAS: 2634-33-5, EC: 220-120-9

3.3/1 Eye Dam. 1 H318

4.1/A1 Aquatic Acute 1 H400

4.1/C2 Aquatic Chronic 2 H411

3.1/4/Oral Acute Tox. 4 H302

3.2/2 Skin Irrit. 2 H315

3.4.2/1 Skin Sens. 1 H317

$\geq 0.00015\%$ - $< 0.0015\%$ reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]

and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)

Index number: 613-167-00-5, CAS: 55965-84-9

3.2/1B Skin Corr. 1B H314

3.4.2/1-1A-1B Skin Sens. 1,1A,1B H317

4.1/A1 Aquatic Acute 1 H400

4.1/C1 Aquatic Chronic 1 H410

3.1/3/Oral Acute Tox. 3 H301

3.1/3/Dermal Acute Tox. 3 H311

3.1/3/Inhal Acute Tox. 3 H331

4 FIRST AID MEASURES

4.1 Description of first aid measures

EYES: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wash immediately with water for at least 10 minutes.

SKIN: Wash with plenty of water and soap.

INGESTION: A suspension of activated charcoal in water, or petroleum jelly may be administered.

Wash the mouth thoroughly and drink plenty of water. In case of disease consult a physician immediately and present this safety-data sheet.

INHALATION: Remove casualty to fresh air and keep warm and at rest.

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

There are no specific information on symptoms and effects caused by the product.

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

Information not available.

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

None in particular.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2 Special hazards arising from the substance or mixture

The product does not present a fire hazard. Do not inhale explosion and combustion gases. The original ingredients or unidentified toxic and/or irritant compounds may be present in the combustion fumes.

5.3 Advice for firefighters

Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

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6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment and remove persons to safety (see section 7 and 8).

6.2 Environmental precautions

Limit leakages with earth or sand. Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.

6.3 Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand. Wash with plenty of water. Retain contaminated washing water and dispose it.

6.4 Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists. Do not eat or drink while working. See also section 8 for recommended protective equipment. Fine dust may form explosive mixture with air. Keep away from open flames, heat and sparks. Do not remove shrink film in hazardous locations (because of risk of static charging/discharge)

7.2 Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed. Incompatible materials: none in particular. Instructions as regards storage premises: adequately ventilated premises. Store above 5°C.

7.3 Specific end use(s)

Information not available.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

There are no occupational exposure limits available

DNEL exposure limit values. N.A.

PNEC exposure limit values. N.A.

8.2 Exposure controls

Eye protection: Not required for normal use. However, work according to good working practices.

Skin protection: No special precautions are required for normal use.

Hand protection: Not required for normal use.

Respiratory protection: Not necessary for normal use.

In case of insufficient ventilation use mask with type B filters (EN 14387).

All personal protective equipment must comply with the relevant CE standards (such as EN 374 for gloves and EN 166 for glasses), kept efficient and stored appropriately.

The duration of use of protective devices against chemical agents depends on several factors (type of use, climatic factors and conservation methods), which can also significantly reduce the usability time required by CE standards. Always consult the supplier of the protective equipment.

Instruct the worker in the use of the devices provided.

Thermal risks: None

Environmental exposure controls: None

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	liquid
Colour	white
Odour	characteristic
Odour threshold	Not available
pH	8
Melting point / freezing point	Not available
Initial boiling point	100 °C
Boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	1,06 g/cm ³ (23°C)
Solubility	Soluble in water
Partition coefficient:: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

9.2 Other information not available

10 STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid

Stable under normal conditions.

10.5 Incompatible materials

None in particular.

10.6 Hazardous decomposition products

None.

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11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Route(s) of entry:

Ingestion: Yes

Inhalation: No

Contact: No

Toxicological information related to the product:

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information of the mixture:

N.A.

Toxicological information of the main substances found in the mixture:

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) - CAS: 55965-84-9

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat 53 mg/kg

Test: LC50 - Route: Inhalation Dust - Species: Rat 330 mg/m³ - Duration: 4h

Test: LC50 - Route: Inhalation - Species: Rat 2.36 mg/l - Duration: 4h

Test: LD50 - Route: Skin - Species: Rabbit 660 mg/kg

Corrosive/Irritating Properties

Eye:

The product can cause a temporary irritation by contact.

Sensitizing Properties No effects are known.

Cancerogenic Effects No effects are known.

Mutagenic Effects No effects are known.

Teratogenic Effects No effects are known.

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

a) acute toxicity

b) skin corrosion / irritation

c) serious eye damage / eye irritation

d) respiratory or skin sensitization

e) germ cell mutagenicity

f) carcinogenicity

g) reproductive toxicity

h) specific target organ toxicity (STOT) - single exposure

i) specific target organ toxicity (STOT) - repeated exposure

j) danger in case of aspiration

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Adopt good industrial practices, so that the product is not released into the environment.

Not available data on the mixture

Aquatic toxicity: the preparation is not to be considered toxic to the aquatic environment based on components.

LC50>100mg/l - aquatic species (calculated data following 1999/45/EC Directive).

Biodegradability: not readily biodegradable

Biodegradability: no data available on the preparation.

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1,2-benzisotiazol-3(2H)-one - CAS: 2634-33-5

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 4.8 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 0.11 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 1.6 mg/l - Duration h: 96

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) - CAS: 55965-84-9

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 0.16 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 0.19 mg/l - Duration h: 96

12.2 Persistence and degradability

Information not available

12.3 Bioaccumulative potential

Information not available

12.4 Mobility in soil

Information not available

12.5 Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%

12.6 Other adverse effects

Information not available

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Reuse, when possible.

Operate according to local and national regulations.

91/156 / EEC, 91/689 / EEC, 94/62 / EC and subsequent amendments.

Disposal of hardened product (EWC code): 08 04 10

Disposal of uncured product (EWC code): 08 04 14

The European waste code suggested here is based on the composition of the product as it is.

According to the specific fields of use, it may be necessary to assign a different code to the waste

14 TRANSPORT INFORMATION

14.1 ONU number

-

14.2 ONU shipping name

Not applicable.

14.3 Hazard classes connected to shipping

Not dangerous goods

14.4 Packaging group

N.A. Marine pollutant: No

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for users

Not applicable.

14.7 Shipping of bulk according to MARPOL 73/78 annex and the IBC code

No relevant information.

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15 REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Legislative Decree 9/4/2008 n. 81

D.M. Work 02/26/2004 (Occupational Exposure Limits)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) no. 758/2013

Regulation (EU) 830/2015

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 1221/2015 (ATP 7 CLP)

Restrictions relating to the product or the substances contained in accordance with Annex XVII of the Regulation (EC) 1907/2006 (REACH) and subsequent amendments:

Restrictions related to the product:

No restrictions.

Restrictions relating to the substances contained:

No restrictions.

Legislative Decree no.81 of 9 April 2008 Title IX, "Dangerous substances - Chapter I - Protection from agents chemists"

Directive 2000/39 / EC and subsequent amendments (Occupational Exposure Limits)

152 of 3 April 2006, as amended (Environmental regulations)

Directive 2012/18 / EU (Seveso III): N.A.

ADR Agreement - IMDG Code - IATA Regulation

VOC (2004/42 / EC): N.A. g / l

Legislative Decree 21 September 2005 n. 238 (Seveso Ter Directive).

Presidential Decree 250/89 (Detergent labeling).

15.2 Chemical safety assessment

No

16 OTHER INFORMATION

Text of indications of hazard H) mentioned in section 2-3 of the sheet:

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H314 Causes severe skin burns and eye damage.

H410 Very toxic to aquatic life with long lasting effects.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H331 Toxic if inhaled.

Paragraphs modified with respect to the previous revision:

SECTION 3: Composition / information on ingredients

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SECTION 12: Ecological information

SECTION 15: Regulatory information

This document was drawn up by a technician competent in the field of SDS and who has received adequate training.

Main bibliographic sources:

NIOSH - Registry of toxic effects of chemical substances

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Center,

Commission of the European Communities

SAX's - Dangerous properties of industrial materials

National Institute of Health - National Inventory of Chemical Substances

The information contained herein is based on our knowledge as of the above date. Are referred only to the product indicated and do not constitute a guarantee of particular quality.

The user is required to ensure the suitability and completeness of such information in relation to the specific use that must be made of it.

This sheet supersedes any previous edition.

LEGEND:

ADR: European Agreement concerning the International Carriage of Goods by Road dangerous.

CAS: Chemical Abstracts Service (division of American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of European Chemical Substances Existing in trade.

GefStoffVO: Ordinance on Hazardous Substances in Germany.

GHS: Globally Harmonized System of Classification and Labeling of chemical products.

IATA: Association for International Air Transport.

IATA-DGR: Regulation on dangerous goods of the "Association for transport international air"(IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical instructions of the "International Aviation Organization civilian"(ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration for 50 percent of the test population.

LD50: Lethal dose for 50 percent of the test population.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation concerning the international transport of dangerous goods by rail.

STE: Short term exposure.

STEL: Limit for short exposure time

STOT: Organ-specific toxicity.

TLV: Occupational Exposure Threshold Limit Value

TWATLV: Threshold limit value for the 8 hour weighted average. (ACGIH Standard).

OEL: Community occupational exposure limit value

ELV: Occupational Exposure Limit Value

WGK: Water hazard class (Germany).

TSCA: United States Toxic Substances Control Act Inventory

DSL: Canadian Domestic Substances List

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Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version.

Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations.

The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

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