

## SAFETY DATA SHEET

# HYPER GLASS REAGENTE

## 1 IDENTIFICATION OF THE MIXTURE AND THE COMPANY

### 1.1 Product identifier

Product name HYPER GLASS REAGENTE

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

Description/Application Acrylic polymer in aqueous dispersions.

### 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

The product is classified as hazardous according to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adaptations). The product thus requires a safety data sheet which complies with the provisions of Regulation (EC) n. 1907/2006 and subsequent amendments. Further information on the risks to health and/or the environment are given in sec. 11 and 12 of this sheet.

### 2.2 Label elements

Danger labeling under Regulation (EC) 1272/2008 (CLP) and subsequent amendments.

Pictograms of danger: -

Warnings: -

Hazard:  
EUH210 Safety data sheet available on request.  
EUH208 Contains: 1,2-benzisothiazol-3(2H)-one: May produce an allergic reaction. 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): May produce an allergic reaction.

Safety advice: -

# HYPER GLASS REAGENTE

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## 2.3 Other dangers

Based on available data, the product does not contain any PBT or vPvB substances as more than 0,1%

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substance

No relevant information.

### 3.2 Mixtures

It contains:

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

$\geq 0.00015\%$  -  $< 0.0015\%$  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

## 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.

# HYPER GLASS REAGENTE

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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

No occupational exposure limit available

### 8.2 Exposure controls

Personal Protective Equipment should comply with relevant CE standards (as EN 374 for gloves and EN 166 for goggles), correctly maintained and stored. Consult the supplier to check the suitability of equipment against specific chemicals and for user information.

#### HAND PROTECTION

Not needed for normal use.

#### SKIN PROTECTION

No special precaution must be adopted for normal use.

#### EYE PROTECTION

Not needed for normal use. Anyway, operate according good working practices.

#### RESPIRATORY PROTECTION

Not needed for normal use. In case of insufficient ventilation use mask with B type filters (EN 14387).

#### ENVIRONMENTAL EXPOSURE CONTROLS

None

# HYPER GLASS REAGENTE

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|                                         |                               |
|-----------------------------------------|-------------------------------|
| Appearance                              | Viscous liquid                |
| Colour                                  | Transparent                   |
| Odour                                   | Characteristic                |
| Odour threshold                         | Not available                 |
| pH                                      | Not available                 |
| Melting point / freezing point          | Not available                 |
| Initial boiling point                   | Not available                 |
| Boiling range                           | Not available                 |
| Flash point                             | > 60 °C                       |
| 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 <sup>3</sup> (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.

# HYPER GLASS REAGENTE

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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/m<sup>3</sup> - 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/irritation

d) respiratory or skin sensitisation

e) germ cell mutagenicity

f) carcinogenicity

g) reproductive toxicity

h) STOT-single exposure

i) STOT-repeated exposure

j) aspiration hazard

# HYPER GLASS REAGENTE

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## 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.

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. Neat product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

# HYPER GLASS REAGENTE

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**14 TRANSPORT INFORMATION****14.1 ONU number**

Not applicable.

**14.2 ONU shipping name**

Not applicable.

**14.3 Hazard classes connected to shipping**

Not applicable.

**14.4 Packaging group**

Not applicable.

**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.

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Dir. 2006/8/EC

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

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

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 453/2010 (Annex I)

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)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product: no restriction.

Restrictions related to the substances contained: no restriction.

Legislative Decree no. 81 of the 9th of April 2008 Title XI "Dangerous substances - Chapter I - Protection against chemical agents"

**15.2 Chemical safety assessment**

No chemical safety assessment has been processed for the mixture and the substances it contains.

**16 OTHER INFORMATIONS**

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.

# HYPER GLASS REAGENTE

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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.

## LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

## GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. Regulation (EC) 618/2012 (III Atp. CLP) of the European Parliament
9. The Merck Index. - 10th Edition
10. Handling Chemical Safety
11. Niosh - Registry of Toxic Effects of Chemical Substances
12. INRS - Fiche Toxicologique (toxicological sheet)
13. Patty - Industrial Hygiene and Toxicology
14. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
15. ECHA website

# **HYPER GLASS REAGENTE**

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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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