

## SAFETY DATA SHEET

# LEVEL OUT 0-10

### 1 IDENTIFICATION OF THE MIXTURE AND THE COMPANY

#### 1.1 Product identifier

Product name LEVEL OUT 0-10  
 UFI: F500-Y03D-N00D-Y8TR

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

Description/Application Self levelling powder

#### 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 under the provisions of Regulation (EC) 1272/2008 (CLP) (as amended and adapted). This safety data sheet is prepared in accordance with Regulation (EC No. 1907/2006, as amended by Regulation (EU) 2020/878.

Any additional information regarding health and/or environmental hazards can be found in Sections 11 and 12 of this sheet.

Hazard classification and indication:

|                                                                   |      |                                      |
|-------------------------------------------------------------------|------|--------------------------------------|
| Serious eye damage, category 1                                    | H318 | It causes serious eye damage.        |
| Skin irritation, category 2                                       | H315 | It causes skin irritation.           |
| Specific toxicity for target organs - single exposure, category 3 | H335 | It may cause respiratory irritation. |
| Skin sensitization, category 1                                    | H317 | It may cause allergic skin reaction. |

#### 2.2 Label elements

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



Warning



Danger

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## Hazard:

|      |                                         |
|------|-----------------------------------------|
| H318 | It causes serious eye damage.           |
| H315 | It causes skin irritation.              |
| H335 | It may cause respiratory irritation.    |
| H317 | It may cause an allergic skin reaction. |

## Safety advice:

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P102           | Keep out of reach of children.                                                                                                   |
| P261           | Avoid breathing dust / fume / gas / mist / vapours / spray.                                                                      |
| P280           | Wear personal protective equipment / face protection.                                                                            |
| P304+P340      | IF INHALED: remove person to fresh air and keep comfortable for breathing.                                                       |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310           | Immediately call a POISON CENTER / doctor.                                                                                       |

Contains: CEMENT, CALCIUM ALUMINATE CEMENT, STANNOUS SULFATE

**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 Miscele**

It contains:

| Identification                  | Conc. %.         | Classification 67/548/CEE. Classification 1272/2008 (CLP).             |
|---------------------------------|------------------|------------------------------------------------------------------------|
| <u>CEMENT</u>                   |                  |                                                                        |
| CAS. 65997-15-1                 | $20 \leq x < 30$ | Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335, Skin Sens. 1 H317 |
| EC. 266-043-4                   |                  |                                                                        |
| INDEX. -                        |                  |                                                                        |
| <u>CALCIUM ALUMINATE CEMENT</u> |                  |                                                                        |
| CAS. 65997-16-2                 | $10 \leq x < 20$ | Eye Dam. 1 H318, Skin Irrit. 2 H315                                    |
| EC. 266-045-5                   |                  |                                                                        |
| INDEX. -                        |                  |                                                                        |
| <u>STANNOUS SULFATE</u>         |                  |                                                                        |
| CAS. 7488-55-3                  | $0 \leq x < 1$   | Eye Irrit. 2 H319, Skin Irrit. 2 H315, STOT SE 3 H335                  |
| EC. 231-302-2                   |                  |                                                                        |
| INDEX. -                        |                  |                                                                        |

The full text of hazard (H) is specified in section 16 of the sheet.

**4 FIRST AID MEASURES****4.1 Description of first aid measures**

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

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SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention.

Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take precautions for rescue workers.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Follow doctor's instructions.

## 5 FIREFIGHTING MEASURES

### 5.1 Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

Choose the most appropriate extinguishing equipment for the specific case.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

### 5.2 Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

The product is neither flammable nor combustible.

### 5.3 Advice for firefighters

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30).

## 6 ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

If there are no contraindications, spray powder with water to prevent the formation of dust.

Wear suitable protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These directions are valid both for the workers to work which for emergency interventions.

### 6.2 Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

### 6.3 Methods and material for containment and cleaning up

Collect the leaked product and place it in containers for recovery or disposal. If the product is flammable, use explosion-proof equipment. If there are no contraindications, use jets of water to eliminate product residues. Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checking section 10.

Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4 Reference to other sections

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

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## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

### 7.2 Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3 Specific end use(s)

Information not available.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

|    |           |                                                                                                                                                                   |  |  |  |
|----|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| EU | OEL EU    | Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 91/322/EEC. |  |  |  |
|    | TLV-ACGIH | ACGIH 2017                                                                                                                                                        |  |  |  |

#### CEMENT

##### Threshold limit value

| Type      | State | TWA/8h<br>mg/m <sup>3</sup> | ppm | STEL/15min<br>mg/m <sup>3</sup> | ppm |
|-----------|-------|-----------------------------|-----|---------------------------------|-----|
| TLV-ACGIH |       | 3                           |     |                                 |     |

#### CALCIUM ALUMINATE CEMENT

##### Threshold limit value

| Type      | State | TWA/8h<br>mg/m <sup>3</sup> | ppm | STEL/15min<br>mg/m <sup>3</sup> | ppm |          |
|-----------|-------|-----------------------------|-----|---------------------------------|-----|----------|
| TLV-ACGIH |       | 10                          |     |                                 |     | inhalab. |
| TLV-ACGIH |       | 3                           |     |                                 |     | respir.  |

#### STANNOUS SULFATE

##### Threshold limit value

| Type      | State | TWA/8h<br>mg/m <sup>3</sup> | ppm | STEL/15min<br>mg/m <sup>3</sup> | ppm |
|-----------|-------|-----------------------------|-----|---------------------------------|-----|
| OEL       | EU    | 2                           |     |                                 |     |
| TLV-ACGIH |       | 2                           |     |                                 |     |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

During the risk assessment process, it is essential to take into consideration the ACGIH occupational exposure levels for inert particulate not otherwise classified (PNOC respirable fraction: 3 mg/m<sup>3</sup>; PNOC inhalable fraction: 10 mg/m<sup>3</sup>). For values above these limits, use a P type filter, whose class (1, 2 or 3) must be chosen according to the outcome of risk assessment.

### 8.2 Exposure controls

As the use of adequate technical equipment must always take priority over personal protection equipment ensure good ventilation in the workplace through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

## HAND PROTECTION

In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves (see standard EN 374). Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions.

## SKIN PROTECTION

Wear work clothes with long sleeves and safety footwear for professional use category II (ref. Directive 89/686/EEC and law EN ISO 20344). Wash with soap and water after removing protective clothing.

## EYE PROTECTION

We recommend wearing hood visor or protective visor together with airtight goggles (ref. law EN 166).

## RESPIRATORY PROTECTION

We recommend the use of a P-type filtering face mask (ref. law EN149), or equivalent device, the class (1, 2 or 3) and actual need will be defined depending on the outcome of the risk assessment.

## ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|                                         |                 |
|-----------------------------------------|-----------------|
| Appearance                              | powder          |
| Colour                                  | grey            |
| Odour                                   | odorless        |
| Odour threshold                         | Not available   |
| pH                                      | Not available   |
| Melting point / freezing point          | Not available   |
| Initial boiling point                   | Not applicable  |
| Boiling range                           | Not available   |
| Flash point                             | Not applicable  |
| Evaporation rate                        | Not available   |
| Flammability (solid, gas)               | Not inflammable |
| 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                        | 2,60 kg/l       |
| Solubility                              | Not available   |
| Partition coefficient:: n-octanol/water | Not available   |
| Auto-ignition temperature               | Not available   |
| Decomposition temperature               | Not available   |
| Viscosity                               | Not available   |
| Explosive properties                    | Not explosive   |
| Oxidising properties                    | Not applicable  |

### 9.2 Other information not available

VOC (Directive 2010/75/EC) : 0

VOC (volatile carbon) : 0

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**10 STABILITY AND REACTIVITY****10.1 Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

**10.2 Chemical stability**

The product is stable in normal conditions of use and storage.

**10.3 Possibility of hazardous reactions**

No hazardous reactions are foreseeable in normal conditions of use and storage.

**10.4 Conditions to avoid**

None in particular. However the usual precautions used for chemical products should be respected.

**10.5 Incompatible materials**

Information not available

**10.6 Hazardous decomposition products**

Information not available

**11 TOXICOLOGICAL INFORMATION**

In the absence of experimental toxicological data on the product itself, the possible health hazards of the product were evaluated based on the properties of the substances contained, according to the criteria laid down by the relevant regulations for the classification.

Therefore, consider the concentration of each hazardous substances possibly mentioned in sect. 3, to assess toxicological effects resulting from exposure to the product.

**11.1 Information on toxicological effects**

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

LC50 (Inhalation) of the mixture: Not classified (no significant component)

LD50 (Oral) of the mixture: Not classified (no significant component)

LD50 (Dermal) of the mixture: Not classified (no significant component)

STANNOUS SULFATE

LD50 (Oral) 2207 mg/kg Rat

LC50 (Inhalation) 2 mg/l/4h Rat

SKIN CORROSION / IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye damage

RESPIRATORY OR SKIN SENSITISATION

Sensitising for the skin

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GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

May cause respiratory irritation

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

SECTION 11. Toxicological information ... / >>

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

## 12 ECOLOGICAL INFORMATION

Use this product according to good working practices. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

### 12.1 Toxicity

Information not available

### 12.2 Persistence and degradability

STANNOUS SULFATE

Solubility in water > 10000 mg/l

Degradability: information not available

### 12.3 Bioaccumulative potential

Information not available

### 12.4 Mobility in soil

It may spread during manipulation in the form of powder

### 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.

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**14 TRANSPORT INFORMATION**

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

**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**

Seveso Category

None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

None

Substances in Candidate List (Art. 59 REACH):

None

Substances subject to authorisation (Annex XIV REACH):

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

**15.2 Chemical safety assessment**

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



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## 16 OTHER INFORMATION

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

|               |                                                              |
|---------------|--------------------------------------------------------------|
| Eye Dam. 1    | Serious eye damage, category 1                               |
| Eye Irrit. 2  | Eye irritation, category 2                                   |
| Skin Irrit. 2 | Skin irritation, category 2                                  |
| STOT SE 3     | Specific target organ toxicity - single exposure, category 3 |
| Skin Sens. 1  | Skin sensitization, category 1                               |
| H318          | Causes serious eye damage.                                   |
| H319          | Causes serious eye irritation.                               |
| H315          | Causes skin irritation.                                      |
| H335          | May cause respiratory irritation.                            |
| H317          | May cause an allergic skin reaction.                         |

### 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).

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## GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
  2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
  3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
  4. Regulation (EU) 2015/830 of the European Parliament
  5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
  6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
  7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
  8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
  9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
  10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
  11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
  12. Regulation (EU) 2016/1179 (IX Atp. CLP)
  13. Regulation (EU) 2017/776 (X Atp. CLP)
- The Merck Index. - 10th Edition
  - Handling Chemical Safety
  - INRS - Fiche Toxicologique (toxicological sheet)
  - Patty - Industrial Hygiene and Toxicology
  - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
  - IFA GESTIS website
  - ECHA website
  - Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

## 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.

## **BeriCalce S.r.l.**

Via Piave, 23 - 36033 Isola Vicentina (VI)

Tel. +39 (0)444 929102

info@bericalce.com

**bericalce.com**