

Document type **Safety Data Sheet**

1. Product identification

1.1 Trading Name	HYDROCALCE READY TO USE HYDROCALCE CONCENTRATE
1.2 Type of product and use	Protective treatment for lime based wall coatings
1.3 Producer	Stucco Italiano Srl Via Rovereto 20 – 36030 Costabissara (VI) – Italy Tel.: +39 0444 700 991, Email: info@stuccoitaliano.it web: www.stuccoitaliano.com
1.4 Emergency contact num.	Technical information: Stucco Italiano Srl office +39 0444 700 991 (Monday-Friday 8.00–17.00); Mobile phone +39 340 3058872 (Saturday and Sunday)

2. Identification of hazards

2.1 Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP) The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

2.2 Label Elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Hazard pictograms None

Signal word None

Precaution statements None

Special provisions EUH208: contains 5-chloro-2-methyl-2H-isothiazol-3-one, 2-methyl-2H-isothiazol-3-one; and 1,2-benzisothiazol-3(2H)-one. It may cause an allergic reaction.

2.3 Other hazards No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%. No other hazards.

3. Composition

3.1 Substances N.A.

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

Quantity	Name	Identification number	Classification
>= 0.01% - < 0.05%	1,2-benzisothiazol3(2H)-one	Index number: 613-088-00-6 CAS: 2634-33-5 EC: 220-120-9	3.1/2/Inhale Acute Tox. 2 H330 3.2/2 Skin Irrit. 2 H315 3.3/1 Eye Dam. 1 H318 3.4.2/1 Skin Sens. 1 H317 3.1/4/Oral Acute Tox. 4 H302 4.1/A1 Aquatic Acute 1 H400 M=1 4.1/C2 Aquatic Chronic 2 H411 M=1 Specific Concentration Limits: C >= 0,05%: Skin Sens. 1 H317

<p>>= 0.00015% - < 0.0015%</p>	<p>5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one</p>	<p>Index number: 613-167-00-5 CAS: 55965-84-9</p>	<p>3.1/2/Inhale Acute Tox. 2 H330 3.1/2/Dermal Acute Tox. 2 H310 3.1/3/Oral Acute Tox. 3 H301 3.2/1C Skin Corr. 1C H314 3.3/1 Eye Dam. 1 H318 3.4.2/1A Skin Sens. 1A H31 4.1/A1 Aquatic Acute 1 H400 M=100. 4.1/C1 Aquatic Chronic 1 H410 M=100. EUH071 Specific Concentration Limits: C >= 0,6%: Skin Corr. 1C H314 0,06% <= C < 0.6%: Skin Irrit. 2 H315 C >= 0,6%: Eye Dam. 1 H318 0,06% <= C < 0.6%: Eye Irrit. 2 H319 C >= 0,0015%: Skin Sens. 1A H317</p>
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4. First-aid measures

4.1 First aid measures:

Contact with skin

Immediately take off all contaminated clothing. After contact with skin, wash immediately with soap and plenty of water and seek medical advice if skin allergy arouses.

Contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time. Seek medical advice. Do not use eye drops or any kind of lotion unless prescribed by a Specialist.

Ingestion

Do not induce vomiting. Seek medical advice immediately

Inhalation

Remove casualty to fresh air and keep warm and at rest

4.2 Most important symptoms

None

4.3 Medical attention

In case of unwellness, seek medical advice immediately

Treatment

None

5. Firefighting measures

5.1 Extinguishing media

Suitable media:
Water
Carbon dioxide (CO₂)
Media which must not be used:
None in particular

5.2 Special hazards

Do not inhale explosion and combustion gases
Burning produces heavy smoke

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 Individual precautions	Wear protective garments, gloves, glasses Remove person to safety See protective measures under point 7 and 8
6.2 Environmental precaution	Do not allow to enter 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 Cleaning methods	Collect as much product as possible, possibly absorb the residue with inert material. Wash the area with water. Remove everything in compliance with the relevant regulation.

7. Handling and storage

7.1 Handling precautions	Avoid contact with skin and eyes Do not eat or drink during handling Use with adequate ventilation Avoid inhalation of vapours and mists Don't use empty container before they have been cleaned Contaminated clothing should be changed before entering eating areas.
7.2 Incompatible materials	None in particular
Storage conditions	Keep the containers properly closed, in a clean, dry and dark space at a temperature between +5°C and +30°C.

8. Individual control

8.1 Control parameters	No occupational exposure limit available
DNEL Exposure Limit Values	N.A.
PNEC Exposure Limit Values	N.A.
8.2 Exposure controls	
Precautionary measures	Do not eat or drink during work, wash hands at every break and at the end of work.
Breathing protection	No safety measures for normal use.
Hands protection	No safety measures for normal use.
Eyes protection	No safety measures for normal use.
Skin protection	No safety measures for normal use.
Exposure limits	No safety measures for normal use.
Thermal hazards	None
Environmental exposure	None
Engineering controls	None

9. Chemical / Physical characteristics

Physical state	Liquid
Colour	White
Odour	Weak
pH value	N.A.
Melting / freezing point:	N.A.
Boiling point	N.A.
boiling range	N.A.
Water solubility	N.A.
Specific weight	N.A.
Flammability	N.A.
Vapour density	N.A.
Flash point:	N.A.
Vapour pressure	N.A.
Evaporation rate	N.A.
Relative density	N.A.
Solubility in oil	N.A.
Partition coefficient	N.A.
Anti-ignition temperature	N.A.
Decomposition temperature	N.A.
Viscosity	N.A.
Explosive properties	N.A.
Oxidising properties	N.A.
9.2 Other information	N.A.
Miscibility	N.A.
Fat Solubility	N.A.
Conductivity	N.A.
Substance groups	N.A.

10. Stability and reactivity

10.1 Reactivity	Stable under normal conditions
10.2 Chemical stability	Stable under normal conditions
10.3 Hazardous reactions	None
10.4 Conditions to avoid	None in particular. Stable in normal conditions.
10.5 Incompatible materials	None in particular.
10.6 Decomposition hazards	None

11. Toxicological information

11.1 Toxicological effect	Specific toxicological information not available
Acute toxicity	Not classified. No data available for the product
Skin irritation	The product is classified: EUH208: contains 5-chloro-2-methyl-2H-isothiazol-3-one, 2-methyl-2H-isothiazol-3-one, and 1,2-benzisothiazol-3(2H)-one. It may cause an allergic reaction
Serious eye damage	Not classified. No data available for the product
Respiratory sensitisation	Not classified. No data available for the product
Germ cell mutagenicity	Not classified. No data available for the product
Carcinogenicity	Not classified. No data available for the product
Reproductive toxicity	Not classified. No data available for the product
STOT-single exposure	Not classified. No data available for the product
STOT-repeated exposure	Not classified. No data available for the product
Aspiration hazards	Not classified. No data available for the product
Toxicological information of the main substances found in the product	N.A.

12. Ecological information

12.1 Toxicity	<p>Do not disperse the product in the environment.</p> <p>Waste waters and residues do not have to be poured into drains, into the ground or in watercourses.</p> <p>Not classified for environmental hazards.</p> <p>No data available for the product</p>
Aquatic acute toxicity	<p>1,2-benzisothiazol-3(2H)-one - CAS: 2634-33-5</p> <p>a) Aquatic acute toxicity:</p> <p>Endpoint: EC10 - Species: Algae 0.04 mg/l - Duration h: 72 - Notes: (Selenastrum capricornutum) (OECD 201)</p> <p>Endpoint: EC50 - Species: Algae 0.11 mg/l - Duration h: 72 - Notes: (Selenastrum capricornutum) (OECD 201) S2238</p> <p>Endpoint: EC50 - Species: Daphnia 3.27 mg/l - Duration h: 48 - Notes: (OECD 202) S</p> <p>reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one - CAS: 55965-84-9</p> <p>Endpoint: EC50 - Species: Daphnia 0.1 mg/l - Duration h: 48 - Notes: daphnia magna</p> <p>Endpoint: EC50 - Species: Algae 0.048 mg/l - Duration h: 72 - Notes: pseudokirchneriella subcapitata</p> <p>Endpoint: EC50 - Species: Fish 0.22 mg/l - Duration h: 96 - Notes: oncorhynchus mykiss</p> <p>Endpoint: NOEC - Species: Algae 0.00064 mg/l - Duration h: 48 - Notes: skeletonema costatum</p> <p>Endpoint: NOEC - Species: Daphnia 0.004 mg/l - Duration h: 504 - Notes: daphnia magna</p> <p>Endpoint: NOEC - Species: Fish 0.098 mg/l - Duration h: 672 - Notes: oncorhynchus mykiss</p> <p>Endpoint: NOEC - Species: Algae 0.0012 mg/l - Duration h: 72 - Notes: pseudokirchneriella subcapitata</p>

12.1 Persistence degradab.	N.A.
12.3 Bioaccumulative poten.	1,2-benzisothiazol-3(2H)-one - CAS: 2634-33-5 Test: Kow - Partition coefficient 0.7 - Notes: (n-octanol/water) OECD 117 Log Kow (HPLC method) Test: BCF - Bioconcentration factor 6.95 - Notes: (fish) OECD 305 reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one - CAS: 55965-84-9 Not bioaccumulative - Test: BCF - Bioconcentration factor 3.16 - Notes: (calculated) S 1177 Not bioaccumulative - Test: Kow - Partition coefficient 0.71 - Notes: (n-octanol/water) S 5
12.4 Mobility un soil	N.A.
12.5 PBT, vPvB assessment	cPvB substances: None – PBT substances: none
12.6 Other adverse effects	None

13. Information on disposal

Waste treatment methods	Disposal of product residues and waste deriving from its use as well as empty containers must be in compliance with current local regulations (EU: as per Leg. Decree 22 dated 5/2/97).
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14. Information on transport

14.1 UN number	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.
By road	non-hazardous material, non-flammable, non-explosive, not subject to regulation (A.D.R.)
By rail	non-hazardous material, non-flammable non-explosive, not subject to regulation (RID)
By sea	non-hazardous material, non-flammable, non-explosive, not subject to regulation (IMDG Code)
By air	non-hazardous material, non-flammable, non-explosive, not subject to regulation (IATA)
For US Department of Transportation:	Proper shipping name: none Hazard Class: none ID Number: none Packaging Group: none

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) 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) 2015/830 Regulation (EU) n. 286/2011 (ATP 2 CLP)
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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. 2015/1221 (ATP 7 CLP) Regulation (EU) n. 2016/918 (ATP 8 CLP)
 Regulation (EU) n. 2016/1179 (ATP 9 CLP) Regulation (EU) n. 2017/776 (ATP 10 CLP)
 Regulation (EU) n. 2018/669 (ATP 11 CLP) Regulation (EU) n. 2018/1480 (ATP 13 CLP)
 Regulation (EU) n. 2019/521 (ATP 12 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: Restriction 3

Restrictions related to the substances contained: No restriction.

Where applicable, refer to the following regulatory provisions : Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive) Provisions related to directive EU 2012/18 (Seveso III): Seveso III category according to Annex 1, part 1 : None

15.2 Chemical safety

No Chemical Safety Assessment has been carried out for the mixture.

16. Other information

In conformity with the provisions of Leg. Decree 03/65 and Directive 99/45 EC the product is labelled as follows:

EUH208: contains 5-chloro-2-methyl-2H-isothiazol-3-one, 2-methyl-2H-isothiazol-3-one; and 1,2-benzisothiazol-3(2H)-one. It may cause an allergic reaction

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE	Acute Toxicity Estimate
ATEMix	Acute toxicity Estimate (Mixtures)
CAS	Chemical Abstracts Service (division of the American Chemical Society).
CLP	Classification, Labeling, Packaging.
DNEL	Derived No Effect Level.
EINECS	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO	Ordinance on Hazardous Substances, Germany.
GHS	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA	International Air Transport Association.
IATA-DGR	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO	International Civil Aviation Organization.
ICAO-TI	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG	International Maritime Code for Dangerous Goods.
INCI	International Nomenclature of Cosmetic Ingredients.
KSt	Explosion coefficient.

LC50	Lethal concentration, for 50 percent of test population.
LD50	Lethal dose, for 50 percent of test population
PNEC	Predicted No Effect Concentration.
RID	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL	Short Term Exposure limit.
STOT	Specific Target Organ Toxicity.
TLV	Threshold Limiting Value.
TWA	Time-weighted average
WGK	German Water Hazard Class.

The information contained herein is based on our knowledge at the date given below, refers only to the product indicated and does not represent a guarantee of particular qualities.

The user must make sure of the suitability and completeness of such information in relation with the specific use and always under his responsibility act in accordance with the regulation on health, safety and environmental protection, provided by current laws.

The manufacturer declines all liability for improper use.

This SDS cancels and replaces any preceding release.