

SAFETY DATA SHEET

complies with Regulation 1907/2006/CE – UE 2020/878

ZEOLITE CHABASITE C20

Revised 15/03/2023

1 Product and Company identification**1.1 Product identification**

ZEOLITE CHABASITE C20

Other means of identification: None

1.2 Relevant identified uses of the product and uses advised against

Professional use. Nursery gardening, adsorbent, waste water filtration.

1.3 Details of the supplier of the safety data sheet

Europomice S.r.l. - 20124 Milano, Via Napo Torriani 1

Tel.: 02 - 66981283 / 66981471 Fax: 02 – 6693582

Tel. Sales Department and Logistic: Tel.: 0564 – 616041 Fax: 0564 - 614147

e-mail responsible for the editorial data sheet: sds@europomice.it**1.4 Emergency telephone number**For urgent information, contact the
Poison Control Centers:

Osp. A. Cardarelli (Napoli): (+39) 081.545.3333

Osp. Careggi U.O. Tossicologia (Firenze): (+39) 055.794.7819

Centro nazionale di informazione tossicologica (Pavia): (+39)
0382.24.444

Osp. Niguarda Cà Granda (Milano): (+39) 02.66.1010.29

Az. Osp. Papa Giovanni XXII (Bergamo): 800.88.33.00

Policlinico Umberto I (Roma): (+39) 06.4997.8000

Policlinico A. Gemelli (Roma): (+39) 06.305.4343

Osp. Univ. Foggia (Foggia): 800183459

Osp. Pediatrico Bambino Gesù (Roma): (+39) 06.6859.3726

Az. Osp. Integrata di Verona: 800.011.858

2 Hazard identification**2.1 Classification of the substance or mixture**

2.1.1 The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008/EC and subsequent amendments

Hazard classification and indication: none.

2.2 Label elements

The product does not have a labeling requirement as defined by Regulation (EC) No. 1272/2008.

2.3 Other hazardsThe product does not contain any PTB or vPvB in percentage \geq a 0,1%.**3 Composition / information on ingredients****3.1 Substances –**

Substance	Conc. %	EC n.	CAS n.	N. Registration REACH	Classification according to Reg. 1272/2008 (CLP)	SCL, M Factor, ATE
Silico-aluminate of alkali metals e alkaline-earth	---	---	1332-09-8	Reg. No. Exempt (Reg. 1907/2006 All. V, point 7)	Not dangerous	Non applicable

3.2 Mixtures – Information not relevant

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4 First aid measures

4.1 Description of first aid measures

General notes

No delayed effects are known. Consult a doctor for all routes of exposure.

In case of eye contact: No specific measures are required, in case of contact with dust, wash immediately and abundantly with drinking water or specific eye washes, consult a doctor.

In case of skin contact: No specific measures are required, wash with soap and water

In case of inhalation: No specific measures are required, ensure sufficient ventilation

In case of ingestion: Rinse the oral cavity with water and drink plenty of water. Consult a doctor if necessary.

4.2 Main symptoms and effects, both acute and delayed

No specific symptoms or effects have been reported

4.3 Indication of any immediate medical attention and special treatment needed

No need. If you contact a doctor, bring this document with you.

5 Fire-fighting measures

5.1 Extinguishing media.

Product non-flammable, in case of fire in the surrounding area use fire-fighting equipment.

5.2 Special hazards arising from the substance or mixture

None, the product is not flammable, not explosive and does not facilitate the combustion of anything else.

5.3 Recommendation for firefighters

No special recommendation

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes and skin, wear protective clothing, see sections 7 and 8

6.2 Environmental precaution

Do not leach into soil, surface water or sewage system

6.3 Methods and materials for containment and clean-up

If possible, use dry cleaning means, such as vacuum cleaners.

6.4 References to other sections

Additional information in sections 8 and 13

7 Handling and storage

7.1 Precautions for Safe Handling

Handle the product after consulting all other sections of this safety data sheet

7.2 Conditions for safe storage, including any incompatibilities

No specifications

7.3 Specific end uses

Information not available

8 Exposure controls / personal protection

8.1 Control parameters

Substance	Identification	Value
Zeolite		Type of limit value: OEL TWA (8 h): < 3 mg/m ³ breathable Type of limit value: OEL TWA (8 h): < 10 mg/m ³ inhalable
More information on threshold limit values	DNEL/PNEC: Chemical safety assessment has not been performed for the product; no information available on ingredients.	

8.2 Exposure controls

Observe the usual safety measures when handling chemicals.

HAND PROTECTION: Not necessary.

SKIN PROTECTION: Not necessary.

EYE PROTECTION: Use tight-fitting safety glasses

RESPIRATORY PROTECTION: FFP2 - FFP3 filtering facial mask (ref. standard EN 149).

ENVIRONMENTAL EXPOSURE CONTROLS: Emissions from production processes should be controlled for the purposes of compliance with environmental protection legislation.

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9 Physical and chemical properties**9.1 Information on basic physical and chemical properties**

<i>Appearance</i>	solid, in granules
<i>Colour</i>	yellow
<i>Odor</i>	odorless
<i>Melting point/freezing point</i>	Not determined
<i>Boiling point or initial boiling point</i>	Not applicable, substance in solid state under ordinary conditions
<i>Boiling range</i>	Not applicable, substance in solid state under ordinary conditions
<i>Flammability</i>	Not applicable, non-combustible substance
<i>Lower and upper explosive limits</i>	Not applicable to solids
<i>Flash point</i>	Not applicable to solids
<i>Self-ignition temperature</i>	Not applicable: for gases and liquids only
<i>Decomposition temperature</i>	Not applicable as there are no self-reactive substances present
<i>pH</i>	7 - 8
<i>Kinematic viscosity</i>	Not applicable: for liquids only
<i>Solubility:</i>	Non determined
<i>Partition coefficient: n-octanol/water:</i>	Not applicable as it is an inorganic substance/mixture
<i>Vapor pressure:</i>	Not applicable
<i>Density and/or relative density</i>	0.8 ÷ 1 kg/l
<i>Relative vapor density</i>	Not applicable: for gases and liquids only
<i>Particle characteristics: solid in granules:</i>	Not available

9.2 Other information**9.2.1 Information regarding physical hazard classes**

None

9.2.2 Other safety features

None

10 Stability and reactivity**10.1 Reactivity**

Unresponsive

10.2 Chemical stability

Chemically stable under normal storage conditions

10.3 Possibility of hazardous reactions

No hazardous reactions under normal conditions of use

10.4 Conditions to avoid

None

10.5 Incompatible materials

No known incompatible materials

10.6 Hazardous decomposition products

None

11 Toxicological information**11.1 Toxicological information**

Other toxicological data	The product is not classified as acutely toxic.
Skin corrosion/irritation assessment, classification.	The product is not classified as a skin irritant or corrosive.
Assessment of eye injury/irritation, classification.	The product is not classified as harmful or irritating to the eyes.
Sensitization	The product is not classified as a respiratory or skin sensitizer.
Mutagenicity	The product is not classified as a mutagen.
Carcinogenicity, other information	Information not available.
Toxic effects on reproduction	Product is not classified as toxic to reproduction.
Specific target organ assessment Single Exposure, classification	Product is not classified as toxic to specific target organs at a single exposure.

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Toxicity assessment Repeated exposure to specific target organ, classification. Product is not classified as toxic to specific target organs at repeated exposures.

Aspiration risk assessment, classification. Product is not classified as an aspiration hazard.

Exposure symptoms

Further information:

Information not available

11.2 Information on other hazards

None

12 Ecological information**12.1 Aquatic toxicity**

No ecotoxic data are available on the product

12.2 Persistence and degradability

Not relevant for inorganic substances

12.3 Bioaccumulative potential

Not relevant for inorganic substances. Information not available

12.4 Mobility in soil

Information not available

12.5 Results of PBT and vPvB assessment

Based on the information acquired, the product does not contain PTB or vPvB substances > 0.1%

12.6 Endocrine disrupting properties

Information not available

12.7 Other adverse effects

Information not available

13 Disposal considerations**13.1 Waste treatment methods**

Do not release into sewers or surface waterways. Disposal as waste must be carried out according to the methods regulated by national laws.

14 Transport information

The product does not fall into any class of hazard for freight transport (IMDG, ADR, RID, IACO/IATA).

14.1 UN number or ID number

Not applicable.

14.2 Official UN shipping name

Not applicable.

14.3 Transport hazard class

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for users

Not applicable.

14.7 Maritime transport in bulk in accordance with IMO acts

Not applicable.

15 Regulation information**15.1 Health, safety and environmental laws and regulations specific to the substance or mixture**

This Safety Data Sheet complies with Regulation 1907/2006/EC – (REACH) and subsequent amendments.

National Legislation:**Italy** Legislative Decree n. 81/2008 and subsequent amendments and additions.

The user of the product must apply the technical and organizational measures set forth in the chemical risk assessment required by the decree. Regarding the choice of Personal Protective Equipment, see what is indicated in section 8.

15.2 Chemical safety assessment

A chemical safety assessment of the product has not been carried out

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16 Other information

The data and information contained in this safety data sheet (SDS) are the result of the knowledge available at the date of publication. The company assumes no responsibility for damage to people or things that may result from use of the substance other than that for which it was intended. The sheet does not replace, but integrates, the texts or regulations governing the user's activity. The user has full responsibility for the precautions that are necessary for his or her use of the product. It is implied that the user must define safety measures according to the legislation applicable to his activities.

16.1 Indications of changes

This revision contains the changes introduced by Regulation (EU) 2020/878

16.2 Abbreviations and acronyms

ADR:	Agreement on the transport of Dangerous goods by Road
ATE:	Acute Toxicity Estimate (Stima della Tossicità Acuta)
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging (Reg. EC n. 1272/2008)
DNEL:	Derived No effect Level (of global exposure for which there should be no negative health effects)
EC:	Number EINECS: European Inventory of Existing Commercial Chemical Substances
Fatt. M	Multiplication factor
IATA:	International Air Transport Association
IMDG:	International Maritime Dangerous Goods
IMO:	International Maritime Organization
OEL:	Professional exposure limit
PBT:	Persistent, bioaccumulative and toxic
PNEC:	Predicted No Effect Concentration (Concentration indicator environmental which should not have adverse effects on organisms living in the environment)
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals (Reg. EC n. 1907/2006)
RID:	Regulations on the International transport of Dangerous goods by Rail
TWA:	Time Weighted Average
vPvB:	Very persistent, very bioaccumulative.

End of Safety Data Sheet