SICACELL 990

1. Identification of the substance or preparation and of company/ firm
1.1 Product Identifier

Commercial Name	: SICACELL 990
Product Chemical Name/ Description	: Calcium silicate secondary powder
CAS NO.	: --
CE NO.	: --
REACH Status	: Not Applicable – Art. 2

1.2 Relevant identified uses of the substance or preparation and uses advised against
Recommended uses: Abrasive materials, composite materials, industrial applications in the brake industry.
Uses advised against: No more information available.

1.3 Details of the supplier of the informative safety data sheet
ITAPROCHIM S.r.l.
Via Carlo Bianconi 8/A, 20139 Milano (Italy)
Tel. +390257303726 Fax +39 0256817644
e-mail: quality@itaprochim.it

1.4 Emergency telephone number
ITAPROCHIM SRL
Tel. +39 0257303726 (available from 9.00 to 18.00)
Tel. +39 0382 800873 (available from 8.00 to 16.30)

2. Hazards identification
2.1 Classification of the substance or preparation according to Reg. 1272/2008 EC, as amended and aligned.
The product is not classified as dangerous according to the provisions of Regulation 1272/2008 EC (CLP) as amended and aligned. .

2.2 Label Elements
Pictograms: None
Warning: None
Hazard Statements: None
Precautionary Statements: None

2.3 Other Hazards
No information available.

3. Composition/information on the ingredients
3.1 Substances
Product contains calcium silicate powder derived from a secondary mechanical processing of an article or part of it. To the producer of the article are unknown dangerous substances contained in the article under prescription of Reg. CE 1272/2008 (CLP) and s.m.i.

3.2 Preparations
Not applicable.

4. First Aid Measures
4.1 Description of first aid measures
There are no known episodes of harm to people responsibility for using the product. If necessary, adopt the following general measures:
INHALATION: Take the person out into fresh air. If breathing ceases, practice artificial respiration. Consult a doctor immediately.
INGESTION: Rinse mouth with water. Consult a physician if symptoms occur.
EYES AND SKIN CONTACT: Rinse with plenty of water. In case of persistent irritation, consult a doctor.

4.2 Main symptoms and effects, both acute and delayed
No information available.

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4.3 Indication of any immediate need to consult a doctor and special treatment
Treat symptomatically.

5. Firefighting Measures
5.1 Extinguishing means
Product is not combustible and no thermal decomposition occur.
SUITABLE EXTNGUISHING MEANS
Use suitable extinguishing media .
UNSUITABLE EXTINGUISHING MEANS
Non in particular.

5.2 Special hazards deriving from the substance or preparation
None

5.3 Recommended for fire- fighters
GENERAL INFORMATION
Cool containers with water jets to avoid product decomposition and the development of substances potentially hazardous to health. Always wear complete fire protection equipment. Collect extinguishing water that should not be discharged into drains. Dispose of contaminated water used for fire extinguishing and residues in accordance with current legislation.
EQUIPMENT
Firefighting equipment such as an open air compressor (EN 137), full flame retardant (EN469), flame retardant gloves (EN 659) and boots for firefighters (HO A29 or A30).

6. Measures in the event of accidental spillage
6.1 Personal precautions, protective equipment and procedures in case of an emergency
Ensure adequate ventilation system. Do not breath dust and avoid eye and skin contact.

6.2 Environmental precautions
Prevent the product from entering sewers, surface water, ground water.

6.3 Methods and material for containment and reclamation
Collect the spilled product with mechanical anti- spark equipment and place it in containers for recovery or disposal. Remove residue with water jets if there are no contraindications. Ensure adequate ventilation of the place affected by the spillage. Check for any incompatibilities of container material in section 7. Disposal of contaminated material must be performed in accordance with point 13.

6.4 Reference to other sections
Any information concerning personal protection and disposal is provided in sections 8 and 13.

7. Handling and Storage
7.1 Precautions for safe handling
Prevent formation of dust. Ensure good ventilation/exhaustion at the workplace. Use appropriate industrial vacuum cleaners or central vacuum systems for dust removal.

7.2 Conditions for safe storage, including any incompatibilities
Keep the product in containers clearly labeled. Keep containers out of the reach of incompatible materials, see section 10. Store in accordance with local regulations. Avoid dust formation and wind leakage.

7.3 Specific end uses
No information available.

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8. Exposure Controls/Personal Protection
8.1 Control Parameters

SILICIC ACID, CALCIUM SALT	
TWA (Italy)	Long-Term value: 10 mg/ m^3 A4, (e)

8.2 Exposure controls
Observe the usual safety measures in the handling of chemicals. Avoid dust formation and ensure adequate ventilation, aspiration system.
HAND PROTECTION
Not necessary. In case of necessity wear suitable protective gloves.
SKIN PROTECTION
Not necessary. In case of necessity wear suitable protective clothing.
EYE PROTECTION
Not necessary. In case of necessity wear suitable eye protection.
RESPIRATORY PROTECTION
If there is dust generation it is recommended to use partial or complete facial masks with category 2 or 3 filters (FP2 - FP3). See EN 143: 2000 - Respiratory protective devices. Filter particles.
CONTROLS OF ENVIRONMENTAL EXPOSURE.
Emissions from production processes, including those from ventilation equipment, must be checked for compliance with environmental protection legislation. Avoid the formation of dust and dispersion due to wind.

9. Physical and Chemical Properties
9.1 Information on basic physical and chemical properties

Physical State	: Powder
Colour	: white, yellowish, light grey
Smell	: Odourless
Odour Threshold	: NA (not applicable)
pH	: 9-11
Melting point/Freezing point	: about 1500°C
Initial boiling point	: NA (not applicable)
Boiling range	: NA (not applicable)
Flash point	: NA (not applicable)
Evaporation rate	: NA (not applicable)
Flammability (solid, gas)	: Not flammable
Lower Flammability limit	: N.A. (not available)
Upper Flammability limit	: N.A. (not available)
Lower Explosive limit	: N.A. (not available)
Upper Explosive limit	: N.A. (not available)
Vapour Pressure	: NA (not applicable)
Vapour Density	: NA (not applicable)
Relative Density	: ≈ 2.6
Solubility	: insoluble
Partition coefficient: n-octanol/water	: N.A. (not available)
Auto-ignition temperature	: N.A. (not available)
Decomposition temperature	: N.A. (not available)
Viscosity	: NA (not applicable)
Explosive Properties	: N.A. (not available)
Oxidizing Properties	: N.A. (not available)

9.2 Other Information

VOC (Dir. 1999/13/CE)	: N.A. (not available)
VOC (volatile carbon)	: N.A. (not available)

No other information available

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10. Stability e Reactivity
10.1 Reactivity
There are no particular hazards of reaction with other substances under normal conditions of use.

10.2 Chemical Stability
The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions
Under normal conditions of use and storage no hazardous reaction are expected.

10.4 Conditions to be avoid
Non in particular. Nevertheless, adopt all the usual precautions regarding chemicals.

10.5 Incompatible materials
Acids and Alkali.

10.6 Hazardous decomposition products
None

11. Toxicological Information
11.1 Information on toxicological effects
Acute Toxicity:
No information available.
Sensitization: N.A.
Mutagenicity: N.A.
Carcinogenicity: N.A.
INALHATION:
No episodes of health damage are known. Powders should cause mechanical irritation.
SKIN CONTACT:
No episodes of health damage are known. Powders should cause mechanical irritation.
EYES CONTACT:
Powders should cause mechanical irritation.
INGESTION:
No information available.
CHRONIC EFFECTS:
No information available.

12. Ecological Information
Use in accordance with good working practices, avoiding dispersing the product in the environment. Notify the competent authorities if the product has reached waterways or has contaminated soil or vegetation.

12.1 Toxicity
No further relevant information available.

12.2 Persistence and degradability
No further relevant information available.

12.3 Bioaccumulative potential
No further relevant information available.

12.4 Mobility in the ground
No further relevant information available.

12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

12.6 Other adverse effects
No further relevant information available.

13. Disposal Consideration
13.1 Waste treatment methods
Reuse, when possible. Product residues should be consider such as non-hazardous waste. Disposal must be assigned to an authorized waste management company, in compliance with national and any local legislation. For solid residues, consider the possibility of disposal at an authorized landfill.
CONTAMINATED PACKAGING
Contaminated packaging should be sent to recovery or disposal in accordance with national waste management regulations.

14. Transport Information
The product is not to be regarded as dangerous according to the regulations on the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

14.1. ONU Number.
Not Applicable.

14.2. ONU Spedition name.
Not Applicable.

14.3. Transport danger class.
Not Applicable.

14.4. Packing group.
Not Applicable.

14.5. Environment danger.
Not Applicable.

14.6. Special precautions for users.
Not Applicable.

14.7. Bulk transport under Annex II di MARPOL 73/78 and IBC-code.
Not Applicable.

15. Regulatory Information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Seveso Category:
NO
Restrictions on the product or substances contained in Annex XVII Regulation (EC) 1907/2006:
NO
Candidate List Substances (Art. 59 REACH):
NO
Substances under Authorization (Annex XIV REACH):
NO
Substances subject to export notification requirement Reg. (EC) 649/2012:
NO
Substances under Rotterdam Convention:
NO
Substances under Stockholm Convention:
NO
Sanitary Controls: Workers must be subjected to health surveillance carried out in accordance with art. 41 of Legislative Decree 81 of 9 April 2008, except that the risk to the safety and health of the worker has been considered irrelevant, in accordance with Art. 224 paragraph 2.

15.2 Chemical Safety Assessment
Not applicable.

16. Other Information
LEGEND:
ADR: European Agreement on the Transport of Dangerous Goods by Road
CAS NUMBER: Number of the Chemical Abstract Service
CE50: Concentration that affects 50% of the population under test
CE NUMBER: Identification Number in ESIS (European Inventory of Existing Substances)
CLP: EC Regulation 1272/2008
DNEL: Effect less derived level - EmS: Emergency Schedule
GHS: Global Harmonized System for Classification and Labeling of Chemicals
IATA DGR: Regulation for the Carriage of Dangerous Goods by the International Air Transport Association
IC50: Immobilization concentration of 50% of the test population
IMDG: International Maritime Dangerous Goods Code
IMO: International Maritime Organization
INDEX NUMBER: Identification Number in Annex VI of the CLP
LC50: Fatal Concentration 50%
LD50: Fatal dose 50%
OEL: Occupational exposure level
PBT: Persistent, bio accumulative and toxic according to REACH
PEC: Predictable environmental concentration
PEL: Predictive level of exposure
PNEC: Predictable Concentration Without Effects
REACH: Regulation EC 1907/2006
RID: Regulation for the international carriage of dangerous goods by train
TLV: Limit value of threshold
TLV CEILING: Concentration that must not be exceeded at any time of the working exposure.
TWA STEL: Short-term exposure limit
TWA: Weighted average exposure limit
VOC: Volatile organic compound
VPvB: Very persistent and very bioaccumulative according to REACH
WGK: Aquatic hazard class (Germany).

GENERAL BIBLIOGRAPHY:
1. Regulation (EU) 1907/2006 of the European Parliament (REACH)
2. Regulation (EU) 1272/2008 of the European Parliament (CLP)
3. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
4. Regulation (EU) 2015/830 of the European Parliament
5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
Reg. EC 453/2010, as amended and supplemented.
Reg. EU 2015/830
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
ECHA Agency Website

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Note for the User: The information contained in this sheet is based on the knowledge available to us at the date of the last version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product. You should not interpret this document as a guarantee for any specific property of the product. Because the use of the product does not fall under our direct control, it is the user's obligation to observe the laws and regulations in force regarding hygiene and safety under its own responsibility. They are not responsible for improper use. Provide adequate training to personnel involved in the use of chemicals.
Changes to previous revision: All