

SAFETY DATA SHEET

Version: 09/ EN

Revision Date: 03.02.2023

ELMINAS KEMOLIT[®], FILLEX[®]

1. Identification of the Substance / Mixture and of the Company / Undertaking

1.1. Product Identifier

Commercial product name	Kemolit [®] , Fillex [®] , Hycon [®]
Synonyms	Wollastonite, Calcium Metasilicate
CAS No.	13983-17-0
EC No.	237-772-5
REACH registration number	Exempt from registration

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Use	Functional filler.
Use advised against	None.

1.3. Details of the Supplier of the Product Safety Information

Company designation	Wolkem India Ltd. Mewar industrial Area Madri, Post Box No. 21, Udaipur 313 003, India
E-mail (competent person)	grs@wolkem.com

1.4. Emergency Telephone Number

Emergency telephone number	+90 (312) 504 51 15
Mobile	+90 533 931 29 56

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to: Regulation (EC) No. 1272/2008	Not classified according to CLP.
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2.2. Other Hazards

Particular information pertaining specific risk for human /environment	This substance does not meet the criteria for classification as PBT or vPvB.
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3. Composition / Information on Ingredients

3.1. Chemical Characterization

Chemical characterization	Calcium-Metasilicate
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4. First Aid Measures

4.1. Description of First Aid Measures

General Advice	In all cases of doubt, or when symptoms persist, seek medical advice.
If inhaled	Move person to fresh air. Upon discomfort, get medical advice.
In case of skin contact	Wash with water and soap.
In case of eye contact	Might cause mechanical irritation. Upon discomfort, keep eyelid open and rinse with large quantities of water.
If swallowed	Rinse mouth immediately and drink plenty of water.

4.2. Indication of any Immediate Medical Attention and Special Treatment Needed

Immediate medical attention	First Aid, decontamination, treatment or symptoms.
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5. Fire Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media	The product is not combustible. Choose extinguishing media suitable for surrounding fire.
Extinguishing media which must not be used for safety reasons	None.

5.2. Special Hazards Arising from the Substance or Mixture

Special exposure hazards arising from the substance itself, its combustion products, or released gases	The product is stable if stored and handled as prescribed/indicated.
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5.3. Advice for Fire Fighters

Special protective equipment	Self-contained respirator /breathing apparatus (DIN EN 133).
Additional information on fire fighting	No special measures are required.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions	Avoid generation and breathing of dust. Avoid contact with skin and eyes. If the dust concentration in workplace air exceeds the occupational exposure limit values, approved and suitable respiratory protection must be used. Refer to section 8.
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6.2. Environmental Precautions

Environmental precautions	The product is not classified as dangerous to the environment. Spillage to ground or water systems should be avoided as it floats on the water surface.
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6.3. Methods and Materials for Containment and Cleaning Up

Methods for cleaning up

Pick up mechanically. Make sure to recycle or dispose of in suitable receptacles. Use approved industrial vacuum cleaner for removal. Avoid any dust formation.

6.4. Reference to Other Sections

Reference to other sections

See Protective Measures sections 7 and 8, disposal information see under section 13.

7. Handling and Storage

7.1. Precautions for Safe Handling

Advice on safe handling

Keep container tightly closed and in a well-ventilated place. Avoid inhalation of dust. Any deposit of dust which cannot be avoided must be regularly removed. Take measures against electrostatic charge.

Advice on protection against fire and explosion

No special fire protection measures are necessary. The product is not combustible, oxidizing, and/or explosive.

7.2. Conditions for Safe Storage, Including and Incompatibilities

Storage space and container requirements

Store at ambient temperatures and at dry conditions. Keep receptacle tightly sealed.

Storage specifications and storage class

Store away from foodstuffs and away from feed.
storage class: 13 non combustible solid.

8. Exposure Controls / Personal Protection

8.1. Exposure Controls

Additional information about design of technical systems

No further data, see section 7.

Additional Occupational Exposure Limit Values for possible hazards during processing

Observe general threshold for dust.

Additional information

The list that were valid during the creation were used as basis.

Respiratory protection

In case of unintentional release of substance, exceeding the occupational exposure limit value: short term filter device: Filter P2.

Hand protection

Protective gloves.
The glove material has to be impermeable and resistant to the product /the substance/the chemical mixture. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

Material of gloves

For undissolved solid substances following materials may be suitable:
Nitril rubber (NBR), Butyl rubber (BR), Fluorcarbon rubber (FKM) Polychloroprene rubber (CR). The selection of the suitable gloves does not only depend on material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection	Wear goggles with side protection according to EN 166.
Skin and body protection	Wear suitable protective clothing, gloves and eye/face protection.
General protective and hygiene measures	Do not inhale dust/smoke/mist. Use skin protection cream, provide eye bath. When using, do not eat, drink or smoke. Wash hands before breaks and after work.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Physical state	Solid
Form	Characteristic crystalline powder
Colour	White
Odour	Odourless
Odour threshold	Not applicable
pH	
remarks:	10% solution
pH:	8.0 - 9.0
Melting point (°C)	1540°C
Flash point (°C)	Not combustible
Risk of explosion	Not explosive
Vapour pressure	Not applicable
Density	2.8 - 3.1 g/cm ³
Solubility in / Miscibility with water	Not miscible or difficult to mix

10. Stability and Reactivity

10.1. Reactivity

Reactivity The product is stable if stored and handled as advised.

10.2. Chemical Stability

Chemical stability The product is stable if stored and handled as advised.

10.3. Possibility of Hazardous Reactions

Hazardous reactions The product is stable if stored and handled as advised.

10.4. Conditions to Avoid

Conditions to avoid Avoid contact with skin, eyes and clothes.

10.5. Incompatible Materials

Materials to avoid No data available.

11. Toxicological Information

11.1. Additional Information

Other Information (section 16) When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
The product does not meet the criteria for classification as hazardous as laid down in (EC) No. 1272/2008 (CLP) for any toxicological endpoint.

12. Ecological Information

12.1. Persistence and Degradability

Biodegradability

Product is inorganic. The methods for determining the biological degradability are not applicable to inorganic substances.

12.2. Bioaccumulative Potential

Bioaccumulation

Not applicable. Product /substance is inorganic.

12.3. Mobility in Soil

Mobility

No data available.

12.4. Results of PBT and vPvB Assesment

Results of PBT characteristics determination

Product /substance is inorganic.

vPvB

Not applicable.

12.5. Other Adverse Effects

Further information on ecology

The product does not meet the criteria for classification as hazardous to the environment as laid down in (EC) No. 1272/2008 (CLP) for any ecotoxicological endpoint.

13. Disposal Considerations

13.1. Waste Treatment Methods

Disposal considerations

Disposal according to instructions of local authorities. Contact manufacturer for recycling information. Packaging that cannot be cleaned are to be disposed of in the same manner as the product. Empty contaminated packagings thoroughly. They can be recycled after through and proper cleaning.

14. Transport Information

14.1. Land Transport GG-S/ADT/RID

Remarks

No dangerous good in sense of this transport regulation.

14.2. Marine Transport IMDG/GG

Remarks

No dangerous good in sense of this transport regulation.

14.3. Air Transport ICAO/IATA

Remarks

No dangerous good in sense of this transport regulation.

15. Regulatory Information

15.1. Safety, Health and Environment Regulations / Legislations Specific for the Substance or Mixture

Additional regulations

Specific national regulations must be considered.

Water hazards class (self-classification)

Non-hazardous to water (nwg).

15.2. Chemical Safety Assesment

Safety assesment

The SDS has been compiled in compliance with (EC) No. 1907/2006 (REACH) and (EC) No. 1272/2008 (CLP). Conclusion from CSA: non-hazardous.

16. Other Information

16.1. General Information

Reasons for amendments: Harmonization of version numbers

Replaces version dated: 13.01.2022

16.2. Key Literature References and Sources for Data

Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures.

Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU.

16.3. Legal Disclaimer

The information given in this SDS is to the best of WOLKEM INDIA LTD. and ELEMENT MINERAL knowledge and believed accurate and reliable as of the data indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.