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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**Company Name:** InduMinerals OÜ**Registered Address:** Ahtri tn 12, 15551 Tallinn, Estonia**Phone:** +372 62 31395**Email:** info@induminerals.com**Product:** Wollastonite**Product Names:** InduMinerals W200, InduMinerals W325 and InduMinerals WH-Aspect**Chemical Component:** Calcium silicate mineral (calcium metasilicate)**Chemical Formula:** CaSiO₃**CAS No. :** 13983-17-0**Material Uses:** Primary uses: glazes; ceramic frames; fillers for paints and plastics; metallurgical powders; cement fiber boards; low temperature refractories; reinforcing filler for plastics, sealants and road marking paints; brake linings.**Synonyms:** Wollastonite, calcium silicate; calcium metasilicate**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS****Substance:** Wollastonite (CaSiO₃)**Chemical name:** Calcium silicate mineral (calcium metasilicate)

NAME	CAS NUMBER	EINECS No.	%	TLV	PEL
Wollastonite (Ca(SiO ₃))	13983-17-0	237-772-5	>97.5	10 mg/m ³	15 mg/m ³
Natural mineral impurities*	-	-	≤2.5	3 mg/m ³	5 mg/m ³

* Impurities typically include trace levels of calcite, quartz, or iron oxides depending on source. These are not classified as hazardous under CLP.

Toxicological Data on Ingredients: Not applicable.

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SECTION 3: HAZARD(S) IDENTIFICATION

This product does not meet the criteria for classification as hazardous as defined in the Regulation EC 1272/2008 and in Directive 67/548/EC.

This product should be handled with care to avoid / minimize dust generation; it contains a low level of respirable crystalline silica (<0.025 mg/m³) which is well below the 1% regulatory labelling requirement for respirable crystalline silica content.

Classification EU (67/548/EC): No classification

Regulation EC 1272/2008: No classification

SECTION 4: FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids until no evidence of chemical remains. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical assistance if irritation occurs.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Give artificial respiration if necessary. Keep victim warm and at rest. Get medical assistance at once.

Skin: Wash with plenty of soap and water. Wash contaminated clothing before reuse. Get medical assistance if irritation develops.

Ingestion: Do NOT induce vomiting. Unlikely to be toxic by ingestion. If victim is conscious, give 2-4 glasses of water or milk. Never give anything by mouth to an unconscious person. Get medical assistance.

Most important symptoms and effects both acute and delayed: No acute and delayed symptoms are observed.

Indication of any immediate medical attention and special treatment needed: No specific actions are required.

Notes to Physician: Treat symptomatically and supportively.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media: Not combustible. Use an extinguishing agent suitable for the surrounding fire.

Hazardous Thermal Decomposition Products: There are no hazardous decomposition products.

Advice for firefighters: Do not enter fire area without proper protective equipment, including respiratory protection. Avoid contact with skin and eyes. Do not breathe dust.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation.

Environmental precautions: No special requirements.

Methods and material for containment and cleaning up: Avoid dry sweeping and use water spraying or vacuum cleaning systems to minimize airborne dust generation. Wear personal equipment in compliance with national legislation.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: When handling the product, avoid exposure and ensure proper respiratory protection if dust potential exceeds PEL/TLV/OEL. Limit use of power tools unless in conjunction with local exhaust. Use hand tools whenever possible. Frequently clean the work area with HEPA filtered vacuum or wet sweeping to minimize the accumulation of debris. Do not use compressed air for clean-up. In case of insufficient ventilation, wear suitable respiratory protective equipment. Good housekeeping practices should be employed to prevent generation and accumulation of dusts. Handle packaged products carefully to prevent accidental bursting.

Storage: Minimize airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products to prevent accidental bursting.

Specific end use: If you require advice on specific uses, please contact your supplier.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters: Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable dust, respirable crystalline silica dust).

US Occupational Exposure Limits:

TLV: 10 mg/m³, 3 mg/m

PEL: 15 mg/m³, 5 mg/m³

International Occupational Exposure Limits:

Great Britain:10 mg/m³ (total inhalable dust);4 mg/m³ (respirable dust)

Austria:10 mg/m³ (total dust)

France:10 mg/m³ (general dust)

Ireland:10 mg/m³ (total dust); 4 mg/m³(respirable dust)

Poland:4 mg/m³ (total dust)

Denmark:1 fiber/cm³ (wollastonite)

Sweden:0.5 fibers/ml (natural fibers)

Canada, Quebec:1 fibre/cm³ (wollastonite TWAEV)

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Appropriate Engineering Controls: Minimize airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below exposure limits.

Eye protection: Wear safety glasses with side shields or goggles to protect eyes against dust and particulate matter.

Skin Protection: No specific requirement. Under normal conditions, the use of protective gloves and clean, body-covering clothing are adequate. Wash hands at the end of each work session.

Respiratory protection: In the case of prolonged exposure to airborne dust concentrations, it is recommended to wear respiratory equipment.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White acicular, free flowing non-metallic mineral powder

Colour: White to off-white powder

Odour: Odorless

pH: 9.9 in a 10% Aqueous Solution

Melting point: 1540 °C

Relative density: 2.86 - 3.09

Solubility: Water: 0.095 g/l

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions. No hazardous reactions known.

Possibility of hazardous reactions: No hazardous reactions

Conditions to avoid: Product will begin to dissolve in very strong acids

Incompatibilities with Other Materials: No particular incompatibility.

Hazardous Decomposition Products: Not relevant.

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SECTION 11: TOXICOLOGICAL INFORMATION

Not classified as toxic. Prolonged inhalation of dust may cause respiratory irritation.

Routes of Entry: Inhalation. Ingestion.

Acute toxicity: Based upon the available data, the classification is not met.

Skin corrosion/irritation: Based upon the available data, the classification is not met.

Serious eye damage/injury: Based upon the available data, the classification is not met.

Respiratory/skin sensitization: Based upon the available data, the classification is not met.

Germ cell mutagenicity: Based upon the available data, the classification is not met.

Carcinogenicity: Wollastonite: Based upon the available data, the classification is not met. Wollastonite was evaluated and classified by IARC as Class 3 ("Cannot be classified as a carcinogenic to humans").

Reproductive toxicity: Based upon the available data, the classification is not met.

STOT-single exposure: Based upon the available data, the classification is not met.

STOT-repeated exposure – Based upon the available data, the classification is not met.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: There is no ecotoxicological data available about the product as such.

Ecological Hazards: Wollastonite is a naturally occurring mineral. Unless contaminated in service, this product is neutral to the environment.

Physical: No information available.

Other: The product is not classified as hazardous to the environment. Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: This product is a naturally occurring mineral. When possible, recycling is preferable to disposal. Unless contaminated in service, this product is neutral to the environment. Dispose in a safe manner in accordance with local/national regulations.

Other Information: Avoid release to the environment. Dispose of in compliance with local and national regulations.

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SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous goods under transport regulations. Not regulated by IMO/IMDG.

UN Number: Not relevant

UN Proper Shipping Name: Not relevant

Transport hazard classes:

ADR: Not classified; IMDG: not regulated; ICAO/IATA: Not classified; RID: Not classified.

Packing Group: Not applicable

Environmental Hazards: Not relevant

Special Precautions For User: No special precautions

Transport in bulk according to Annex II of MARPOL73/78 and IBC code: Not relevant

This substance is not subject to IMO IMDG CODE

SECTION 15: REGULATORY INFORMATION

InduMinerals OÜ acts solely as a commercial intermediary and does not import, store, or physically handle the material. Responsibility for REACH registration and regulatory compliance lies with the EU-based importer.

EU Legislation:

This substance is a naturally occurring mineral (wollastonite, CAS 13983-17-0) and is generally considered exempt from REACH registration under Annex V.7 of Regulation (EC) No 1907/2006.

No hazard classification is required under Regulation (EC) No 1272/2008 (CLP).

Wollastonite is listed for use in food contact materials under Commission Directive 95/3/EC, Annex III.

Not classified as hazardous to water in Germany (WGK: NWG – non-hazardous).

No specific restrictions listed in the EINECS or ELINCS chemical inventories.

International Inventories:

Wollastonite is listed or considered exempt on the following national inventories:

USA: TSCA, CERCLA (Not applicable), SARA Title III (Not reportable), FIFRA (listed inert), FDA (approved for food contact coatings), OSHA/ACGIH (regulated as nuisance dust: PNOR/PNOC)

Canada: DSL, WHMIS (Not controlled)

Australia: AICS (listed)

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China: IECSC (listed)

Japan: ENCS (exempt as natural mineral)

South Korea: ECL (KE35416)

Philippines: PICCS (listed)

New Zealand: ERMA (listed)

Taiwan: ECN (exempt)

IUCLID: Information submitted and recorded

Chemical Safety Assessment:

Wollastonite is exempt from REACH registration as a naturally occurring substance under Annex V.7. Any proprietary surface treatments, if used, must be registered separately by the supplier as applicable.

SECTION 16: OTHER INFORMATION

This SDS is available in English, Italian, and German upon request, in accordance with Article 31 of REACH.

This SDS is provided in accordance with Regulation (EC) No 1907/2006 (REACH).

SECTION 17: DISCLAIMER

The information provided in this MSDS is correct to the best of our knowledge, information and belief at the date of its publication and represents the best information currently available to us. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and no warranty, express or implied, or quality specification is made and **InduMinerals OÜ** assumes no liability resulting from the use of this MSDS. The user must determine suitability of this information for his application. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.