

Revision date: 04-Jan-2024

Supersedes: 22-Dec-2022

SDS Number: 14746

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier**

Product name: FINNTALC M30

Pure substance/mixture: Substance

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use Description: Industrial use
Additive for plastics, paint and paper
Do not use in applications that create dust.
Not for use in loose powder applications for personal care

1.3. Details of the supplier of the safety data sheet

Supplier: Elementis Minerals B.V.
Kajuitweg 8
1041 AR Amsterdam
Netherlands
+31 (0)20 448 7448

Elementis Minerals B.V. Branch Finland
Kajaanintie 54
88620 Korholanmaki
Finland

Elementis
469 Old Trenton Road
East Windsor, NJ 08512
USA
Tel: +1-609-443-2000

For further information, please contact

E-mail address: Product_stewardship@elementis.com

1.4. Emergency telephone number: For Chemical Emergency ONLY (spill, leak, fire, exposure or accident), call CHEMTREC at: +44 20 3807 3798 or +1-703-527-3887
For ALL other inquiries about this product, call Elementis at: +1-609-443-2000 (USA) or +49 (0) 221 2923 2000 (EU)

Emergency telephone number: Europe: 112
National Poisons Information Service (NPIS): +44 (0)344 892 0111
Poisons Information Centre of Ireland: +353 (0)1 809 2166

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Not classified

2.2. Label Elements

Signal Word None

2.3. Other Hazards

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

General Hazards: None known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous components, or components with exposure limits (see section 8)

| Chemical Name | Weight percent | REACH registration number | EC No | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) |
|--------------------------------------|----------------|---------------------------|-----------|---|------------------------------------|----------|----------------------|
| Talc 14807-96-6 | >=96% | Exempt | 238-877-9 | - | | | |
| Chlorite-group minerals 1318-59-8 | < 2.0 % | Exempt | 215-285-9 | - | | | |
| Magnesium carbonate 546-93-0 | < 2.0 % | Exempt | 208-915-9 | - | | | |
| Dolomite 16389-88-1 | < 1.0 % | Exempt | 240-440-2 | - | | | |

Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate

Not applicable

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Advice: Show this safety data sheet to the doctor in attendance. Get medical attention immediately if

symptoms occur.

| | |
|------------------------------------|---|
| Inhalation: | If breathing is difficult, give oxygen. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. |
| Skin contact: | If a person feels unwell or symptoms of skin irritation appear, consult a physician. Wash off immediately with soap and plenty of water. |
| Eye contact: | If eye irritation persists, consult a specialist. Rinse immediately carefully and thoroughly with eye-bath or water. |
| Ingestion | Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If swallowed, seek medical advice immediately and show this SDS or label. |
| Protection of first-aiders: | Avoid contact with skin and eyes. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|--|--------------------------|
| Most Important Symptoms and Effects | Difficulty in breathing. |
|--|--------------------------|

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Notes to physician | Treat symptomatically. |
|---------------------------|------------------------|

Section 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂)
 Dry powder
 Dry sand
 Alcohol-resistant foam
 Use water spray or fog; do not use straight streams

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 or preparation itself, combustion products, resulting gases

None in particular

Unusual Fire and Explosion Hazards:

None known

Hazardous combustion products

Carbon monoxide
 Carbon dioxide (CO₂)

5.3. Advice for fire-fighters

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment. Sweep-up to prevent slipping hazard. May cause a slippery condition when wet.

Other Information: See Section 12 for more information.

6.2. Environmental precautions

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

6.3. Methods and materials for containment and cleaning up

Clean-up methods: Do not create a powder cloud by using a brush or compressed air. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

6.4. Reference to other sections

- See Section 12 for additional information.
- See section 8 for more information
- See section 13 for more information

Section 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Safe handling Avoid contact with skin, eyes and clothing. Avoid breathing mists, dusts, or vapors. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers dry and tightly closed to avoid moisture absorption and contamination.

Additional Storage: not required under normal use

7.3. Specific end uses:

Exposure scenario: No information available.

Other guidelines: No information available.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits

| Chemical Name | EU | United Kingdom | France | Spain | Germany |
|---------------|----|--------------------------|--------|--------------------------|-----------------------------|
| Talc | | STEL 3 mg/m ³ | | TWA: 2 mg/m ³ | TWA: 1.25 mg/m ³ |

| | | | | | |
|---------------------------------|--|---|---|---|--|
| 14807-96-6 | | TWA: 1 mg/m ³ | | | TWA: 10 mg/m ³ |
| Magnesium carbonate 546-93-0 | | | | TWA: 10 mg/m ³ | |
| Chemical Name | Italy | Portugal | Netherlands | Finland | Denmark |
| Talc 14807-96-6 | | | TWA: 0.25 mg/m ³ | TWA: 0.5 fiber/cm ³ TWA: 2 mg/m ³ TWA: 1 mg/m ³ | TWA: 0.003 fiber/cm ³ |
| Chemical Name | Austria | Switzerland | Poland | Norway | Ireland |
| Talc 14807-96-6 | TWA: 2 mg/m ³ | TWA (MAK) - 3 mg/m ³ TWA (MAK) - 10 mg/m ³ | TWA: 4 mg/m ³ TWA: 1 mg/m ³ | TWA: 6 mg/m ³ TWA: 2 mg/m ³ STEL: 12 mg/m ³ STEL: 4 mg/m ³ | |
| Magnesium carbonate 546-93-0 | | TWA (MAK) - 3 mg/m ³ TWA (MAK) - 10 mg/m ³ | | | |
| Dolomite 16389-88-1 | | | TWA: 10 mg/m ³ | | |
| Chemical Name | Australia | Belgium | Bulgaria | Czech Republic | Estonia |
| Talc 14807-96-6 | | TWA: 2 mg/m ³ | TWA 1.0 fiber/cm ³ TWA 6.0 mg/m ³ TWA 3.0 mg/m ³ | TWA: 2.0 mg/m ³ | |
| Dolomite 16389-88-1 | | | TWA 1.0 fiber/cm ³ TWA 6.0 mg/m ³ | TWA: 10.0 mg/m ³ | |
| Chemical Name | Gibraltar | Greece | Hungary | Iceland | Latvia |
| Talc 14807-96-6 | | TWA: 10 mg/m ³ TWA: 2 mg/m ³ | 2 mg/m ³ TWA [AK] (without asbestos, respirable concentration, listed under flying and fibrous powders) | | |
| Dolomite 16389-88-1 | | | | | TWA: 6 mg/m ³ |
| Chemical Name | Lithuania | Luxembourg | Malta | Romania | Sweden |
| Talc 14807-96-6 | TWA (IPRD): 2 mg/m ³ TWA (IPRD): 1 mg/m ³ | | | TWA: 2 mg/m ³ | 2 mg/m ³ 1 mg/m ³ |
| Magnesium carbonate 546-93-0 | TWA (IPRD): 10 mg/m ³ | | | | |

8.2. Exposure controls

Engineering measures: Maintain adequate engineering controls and/or ventilation to keep hazardous ingredients below their statutory limits. Use an approved respirator whenever exposure limits are exceeded

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice

Personal protective equipment

Eye/face protection Safety glasses

Hand protection Protective gloves, Neoprene gloves. The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Skin and body protection Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place

Respiratory protection: Effective dust mask.

Environmental Exposure No information available.

Controls

Section 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

| | |
|------------------------|----------------------------|
| Physical state: | Solid |
| Appearance: | Powder |
| Colour: | Off-white White light grey |
| Odour: | odourless |
| Odour Threshold | No data available |

| <u>Property</u> | <u>Values</u> | <u>Remarks / • Method</u> |
|---|--|---------------------------|
| pH | 8 - 10 (water: 0.1 g/cm ³) | |
| Melting point/range: | > 1300 °C | |
| Freezing point: | No data available | |
| Boiling Point/Range | No data available | |
| Flash Point | No data available | |
| Evaporation rate | No data available | |
| Explosion limits: | No data available | |
| Vapour pressure | 0 Pa | @ 25 °C |
| Vapour density | No data available | |
| Density: | 2.7 g/cm ³ | @ 20 °C |
| Water solubility | <0.1 mg/l | @ 25 °C |
| Solubility in other solvents | No data available | |
| Partition coefficient: n-octanol/water | No data available | |
| Autoignition temperature | Not self-igniting | |
| Decomposition temperature | > 1000 °C | |
| Viscosity: | No data available | |

| | |
|------------------------------|-------------------|
| Explosive properties: | Not explosive. |
| Oxidising Properties | No data available |

9.2. Other information

| | |
|---------------------|-------------------|
| Bulk Density | No data available |
|---------------------|-------------------|

Section 10: STABILITY AND REACTIVITY

| | |
|--|--|
| 10.1. Reactivity: | No dangerous reaction known under conditions of normal use |
| 10.2. Chemical Stability | Stable under recommended storage conditions |
| 10.3. Possibility of hazardous reactions: | None known. |
| 10.4. Conditions to avoid: | None known |
| 10.5. Incompatible Materials | Oxidising agent |
| 10.6. Hazardous decomposition products: | None reasonably foreseeable |

Section 11: TOXICOLOGICAL INFORMATION**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute toxicity**Product Information** No data is available on the product itself**Local effects**

Inhalation: No data available.

Eye contact: No data available.

Skin contact: No data available.

Ingestion No data available.

Target organ effects: None.

Component Information No data available**Chronic Toxicity**

Corrosivity No data available.

Sensitisation No data available.

Mutagenic effects No data available.

Reproductive Toxicity: No data available.

Carcinogenicity: There are no known carcinogenic chemicals in this product.

Other adverse effects: No data available.

11.2. Information on other hazards

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Section 12: ECOLOGICAL INFORMATION**12.1. Toxicity****Product Information:** There is no data available for this product.**Ecotoxicity** The environmental impact of this product has not been fully investigated.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Daphnia Magna (Water Flea) |
|---------------|-------------------|--|----------------------------|
| Talc | | 100 g/L: LC50 96 h Brachydanio rerio semi-static | |

| Chemical Name | LC50 | EC50 | Bioaccumulation Concentration Factor | No Observable Effect Concentration/96hr/48hr/24hr (NOEC) |
|---------------|---|------|--------------------------------------|--|
| Talc | 100 g/L (Brachydanio rerio; 96 h semi-static) | | | |

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|

12.2. Persistence and degradability No data available

12.3. Bioaccumulative potential No data available

12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6. Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects:

General Note: Do not allow product to reach ground water, water course or sewage system.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues / unused products: Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.

EWC waste disposal No: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

Further Information: Waste codes should be assigned by the user based on the application for which the product was used

Contaminated packaging Empty containers should be taken to local recyclers for disposal

Section 14: TRANSPORT INFORMATION

Surface Shipments in Europe (ADR/RID): Not regulated

International Air Transport Association (IATA) Not regulated

International Maritime Dangerous Goods (IMDG) Not regulated

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU-Regulations

For purchases from Elementis EU legal entities, all ingredients are currently registered or exempt under REACH. For purchases from non-EU Elementis legal entities with the intention to export into the EU, please contact your Elementis representative/local office.

China IECSC Statement

For purchases from Elementis China legal entities, all ingredients are currently registered or exempt under China Measures for Environmental Management of New Chemical Substances (MEE Order No. 12). For purchases from outside China please contact your Elementis representative/local office.

K-REACH

All ingredients are currently registered/pre-registered or exempt accordance with Korea REACH (K-REACH) requirements under Elementis. For purchases from outside Korea please contact your Elementis representative/local office.

International Inventories

| | |
|-----------------------------|----------------|
| USA (TSCA) | Complies |
| EU (EINECS) | Complies |
| EU REACH: | Complies |
| Canada (DSL) | Complies |
| CANADA (NDSL) | Not applicable |
| JAPAN (ENCS): | Complies |
| PHILIPPINES (PICCS): | Complies |
| KOREA (KECL) | Complies |
| China (IECSC) | Complies |
| AUSTRALIA (AICIS) | Complies |
| NEW ZEALAND (NZIoC): | Complies |
| TAIWAN (TCSI) | Complies |

Restriction on marketing use: None known

15.2. Chemical Safety Assessment

No information available

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
ENCS - Japan Existing and New Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
NZIoC - New Zealand Inventory of Chemicals
TCSI - Taiwan Chemical Substance Inventory

Section 16: OTHER INFORMATION**GHS / CLP**

Prepared by Product Stewardship
Revision Date 04-Jan-2024
Supersedes: 22-Dec-2022

Reason for revision: (M)SDS sections updated, 1.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

The information provided in this Safety Data Sheet is correct to the best of ELEMENTIS' knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. The information relates only to the specific product designated and may not be valid for such product when used in combination with any other material or in any process, unless specified in this SDS. ELEMENTIS specifically disclaims any liability for any loss, injury or damage which may result from use or misuse of this product.

All chemicals should be handled only by competent personnel, within a controlled environment. It is the buyer's/user's responsibility to ensure that his activities comply with all applicable federal, state, provincial and local laws, and to determine the conditions necessary for the safe use of this product. ELEMENTIS urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product.

End of Safety Data Sheet