

SECTION 1: Identification of the substance/mixture and of the company/undertaking.

1.1. Product identifier

Product form : Substance

Product name : Talc

EC no : 238-877-9

CAS No. : 14807-96-6

REACH registration No. : Exempt

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

1.2.1. Relevant identified uses

Use of the substance/preparation:

Substance used as such, in formulation or in formulation of products such as:

- Agriculture
- Coatings
- Ceramics
- Plastics

1.2.2. Uses advised against

- None

Full text of use descriptors: see section 16.

1.3. Details of the supplier of the safety data sheet

CTM Potters Supplies

Unit 7 & 8, Broomhouse Lane Ind Est

Doncaster

South Yorkshire

DN12 1EQ

T - 01709 770801

Email -doncaster@ctmpotterssupplies.co.uk

1.4. Emergency telephone number

NCES 01865 4077333 Out of hours 111

SECTION 2: Hazards identification.

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Physical and chemical hazards: Not classified

Human health: Not classified

Environment: Not classified

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

Does not pose any health hazard under normal conditions of use and as delivered. Prolonged high dust concentration may cause mechanical irritation of respiratory tract.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

None

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH, annex XIII.

SECTION 3: Composition/information on ingredients.

3.1. Substances

Chemical name	CAS No.	EC-No.	%	Classification (67/548/EEC)	Classification (1272/2008/EC)
Magnesium Silicate	14807-96-6	238-877-9	55-60	Not classified	Not classified
Magnesium Carbonate	546-93-0	208-915-9	40-45	Not classified	Not classified
Quartz	14808-60-7	238-878-4	<1	Not classified	Not classified

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

REACH Registration numbers: Exempt

SECTION 4: First aid measures.

4.1. Description of first aid measures

Inhalation: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion: Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin contact: Wash skin with soap and water. Get medical attention if irritation persists after washing.

Eye contact: Make sure to remove any contact lenses from the eyes before rinsing. Rinse eye with water immediately. Get medical attention if any discomfort continues.

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

Inhalation: Dust in high concentrations may irritate the respiratory system

Ingestion: May cause discomfort if swallowed

Skin contact: Powder may irritate skin

Eye contact: Particles in the eyes may cause irritation and smarting

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

Treat symptomatically.

SECTION 5: Firefighting measures.

5.1. Extinguishing media

Suitable extinguishing media: Use fire extinguishing media appropriate for the surrounding materials.

Unsuitable extinguishing media: None

5.2. Special hazards arising from the substance or mixture

Fire hazard: Not flammable.

Explosion hazard: No explosive properties known.

Reactivity: Stable under normal conditions of handling and storage.

5.3. Advice for firefighters

Protection during firefighting: No specific fire fighting procedures given.

SECTION 6: Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Keep public away from danger area. See section 8.2.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and soil. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Sweep or shovel spills into appropriate container for disposal. Avoid dust production.

6.4. Reference to other sections

See section 8 and 13 for more information.

SECTION 7: Handling and storage.

7.1. Precautions for safe handling

Precautions for safe handling: Do not breathe dust. Wash hands plentifully and other exposed areas with water after handling. Remove contaminated clothing and shoes. Wash clothing before re-using.

Packagings: Even those that have been emptied, will retain product residue. Always obey safety warnings and handle empty packages as if they were full. Avoid all contact with this substance.

Hygiene measures: When using do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Remove contaminated clothing and shoes.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in dry, cool, well-ventilated area. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

The identified uses for this product are detailed in section 1.2

SECTION 8: Exposure controls/personal protection.

8.1. Control parameters

Magnesium Carbonate – WEL TWA -8hrs 4mg/m³ respirable dust. 10mg/m³ Total dust

Magnesium Silicate - WEL TWA -8hrs 1mg/m³ Total dust

Quartz – WEL TWA – 8hrs 0.1mg/m³

WEL = Workplace Exposure Limit

Exposure Limits:

Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable dust).

8.2. Exposure controls

Appropriate engineering controls: Use as far as possible in a closed system. Provide a regular control of the atmosphere. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Local exhaust and general ventilation must be adequate to meet exposure standards. Please refer to the annex (exposure scenarios).

Hand protection: Use gloves resistant to chemical products corresponding to EN 374:3. Take advice to gloves' manufacturer.

Eye protection: Wear safety glasses with side shields according EN 166.

Skin and body protection: Wear closed protective clothing.

Respiratory protection: Use respiratory protection mask according to EN 140 or EN 405 with filter type P3 according to EN 143:2000 or FFP3 according to EN 149:2001.

SECTION 9: Physical and chemical; properties.

Physical state	Solid Powder.
Colour	White/off white
Odour	odourless.
Odour threshold	Not applicable
pH	9
Relative evaporation rate (butylacetate=1)	No data available
Melting point	1,300 °C
Freezing point	No data available
Boiling point	No data available
Flash point	Not flammable
Self ignition temperature	Not applicable
Decomposition temperature	No data available
Flammability (solid, gas)	Not flammable
Vapour pressure	Not applicable.
Relative vapour density at 20 °C	No data available
Relative density	2.8
Density	Not applicable
Solubility in water	Insoluble in water
Log Pow	Not applicable
Log Kow	Not applicable
Viscosity, kinematic	Not applicable
Viscosity, dynamic	Not applicable
Explosive properties	Not explosive.
Oxidising properties	No data available
Explosive limits	Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity.

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal conditions of handling and storage.

10.3. Possibility of hazardous reactions

Not relevant.

10.4. Conditions to avoid

Not relevant

10.5. Incompatible materials

Acid. Oxidising materials.

10.6. Hazardous decomposition products

None under normal circumstances

SECTION 11: Toxicological information.**11.1. Information on toxicological effects****Other health effects:** This substance has no evidence of carcinogenic properties**Acute toxicity**

Acute toxicity (Oral LD50)	8,000mg/kg rat
Acute toxicity (Dermal LD50)	Not relevant
Acute toxicity (Inhalation LD50)	Not relevant
Inhalation	Dust in high concentrations may irritate the respiratory system
Ingestion	May cause discomfort if swallowed
Skin contact	Powder may irritate the skin
Eye contact	Particles in the eye may cause irritation and smarting

SECTION 12: Ecological information.

Ecotoxicity: Not regarded as dangerous for the environment

12.1. Acute Fish toxicity

Not considered toxic to fish

12.2. Persistence and degradability

The product is not readily biodegradable

12.3. Bioaccumulative potential

The product is not bioaccumulating

12.4. Mobility in soil

Not relevant due to the form of the product

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT or vPvB criteria of REACH, annex XIII.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations.

13.1. Waste treatment methods

Waste treatment methods: Dispose of this material and residues in accordance with local authority requirements.

Additional information: Empty packaging can have residues or dusts and are subject to proper waste disposal, as above.

Ecology - waste materials: See the European waste catalogue.

SECTION 14: Transport information.

14.1. UN number

The product is not covered by international regulation on transport of dangerous goods (IMDG, IATA, ADR/RID).

14.2. UN proper shipping name

Not classified for transportation.

14.3. Transport hazard class(es)

Not classified for transportation.

14.4. Packing group

Not classified for transportation.

14.5. Environmental hazards

Other information: No environmental hazards known with this product.

14.6. Special precautions for user

Not classified for transportation.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information.

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

Approved code of practice: Classification and labelling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.

Guidance notes: Workplace Exposure Limits EH40.

EU Legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulations (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment.

No chemical safety assessment has been carried out.

SECTION 16: Other information.

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Abbreviations and acronyms:

NC – Not classified

TWA - Time Weighted Average

LD – Lethal Dose

LC - Lethal Concentration

ADR - Accord européen sur le transport des marchandises dangereuses par route

IATA-DGR - International Air Transport Association-Dangerous Goods Regulations

ICAO-TI - International Civil Aviation Organization-Technical Instructions

IMDG - International Maritime Code for Dangerous Goods

MARPOL - Maritime Pollution Convention

54 - TALC

Safety Data Sheet

In compliance with Regulation (EC)1907/2006,
Regulation (EC) 1272/2008 and Regulation (EC) 453/2010
Date of issue: 03/03/2011 Revision date 16/10/2022

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