

MAGSIL[®] DIAMOND 200

RBH offers a complete range of talc grades, with premium and technical grades characterised by high purity ($\text{Mg}_3\text{Si}_4\text{O}_{10}(\text{OH})_2$ -hydrated Magnesium Silicate content), particle size distribution and colour. Talc has numerous uses in both industrial applications and personal care, utilising its intrinsic softness, platy and layered structure, coupled with high surface area.

	Specification Limits		Test Method
CHEMICAL ANALYSIS	SiO ₂	59% min	GB/T 15343
	MgO	30% min	GB/T 15343
	Fe ₂ O ₃	1.5% max	GB/T 15343
	CaO	1.0% max	GB/T 15343
	Al ₂ O ₃	1.5% max	GB/T 15343
PROPERTIES	Loss of Ignition (at 1050°C)	6% max	GB/T 15343
	Whiteness	86% min	Chinese WSB-3A
	Moisture	0.25% max	GB/T 15344
	200 mesh	98% min	GB/T 15344

	Typical Values		Test Method
SUPPLEMENTARY DATA	L*	96.89	Chinese SC-80
	a*	-1.03	Chinese SC-80
	b*	2.31	Chinese SC-80
	X	86.83	Chinese SC-80
	Y	92.17	Chinese SC-80
	Z	95.43	Chinese SC-80
	Tapped Bulk Density	1.00 g/cm ³	GB/T 15344
	Free from asbestos		

PACKAGING	Dry powder in 25kg paper bag or in bulk bag
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SAFETY ADVISORY DOCUMENT

MAGSIL TALC

Version: July 2019

Lexicon House
Station Road
Irthlingborough
Northants NN9 5QF

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier: **MAGSIL TALC**

Exempted in accordance with Annex V.7

Trade names: MAGSIL STAR, MAGSIL TOPAZ, MAGSIL 3183A, MAGSIL DIAMOND, MAGSIL SAPPHIRE, MAGSIL SUPER, MAGSIL2628A, MAGSIL OSMANTHUS, MAGSIL MIRAGE, MAGSIL EXTRAFINE, MAGSIL ULTRAFINE, MAGSIL 4230, MAGSIL 2628C, MAGSIL C15, MAGSIL PEARL, MAGSIL JADE, MAGSIL AMETHYST, MAGSIL SUPERSTAR, MAGSIL PINK TALC

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

This product is used as an auxiliary substance in the production process for the paper, the paint, the ceramics and the plastics industry.

1.3 Details of the supplier of the safety data sheet

Company: Salonserve
Address: Lexicon House, Station Road
Irthlingborough
Northants NN9 5QF

Tel: 01933 410022
E-mail: info@salonserve.com

1.4 Emergency telephone number:

Office Hours: 01933 410022

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008

The substance is not to be classified according to the CLP regulation.

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

Not regulated under the criteria of EC Directive 67/548/EEC. Not classified as dangerous according to EC directives

Information concerning particular hazards for human and environment:

Not Applicable

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.



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2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Not required in accordance with Regulation (EC) No 1272/2008

Hazard pictograms Not required

Signal word Not required

Hazard statements Not required

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Section 3: Composition/information on Ingredients

3.1 Main constituent

MAGSIL Talc a natural association of talc, chlorite, dolomite and magnesite.

Name	CAS	EINECS	%wt/wt	Classification (EC No. 1272/2008) :
Talc	14807-96-6	238-877-9	>90	No classification
Chlorite	1318-59-8	215-285-9		No classification
Dolomite	16389-88-1	240-440-2	0-10	No classification
Magnesite	13717-00-5	-		No classification

3.2 Impurities

MAGSIL Star Talcs do not contain asbestos fibres or asbestiform minerals as defined by the United States Occupational Safety and Health Administration (OSHA) and European Directive 83/477/EEC, when analysed by conventional methods. All batches of these products are tested in the UK by certified independent laboratories and no quantifiable concentrations have been detected to date

Section 4: First Aid Measures

4.1 Description of first aid measures

General information: Move the exposed person to fresh air at once. Treat symptomatically.

Inhalation: Move to fresh air; consult doctor in case of symptoms.

Skin: Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eyes: Rinse opened eye for several minutes under running water. Remove contact lenses if present and easy to do – continue rinsing. Then consult doctor.

Ingestion: Rinse mouth out and give plenty of water to drink. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. The following symptoms and effects may be observed due to the particulate nature of the material.



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Inhalation:	May cause irritation to the respiratory tract as a particulate nuisance.
Ingestion:	Choking may occur if large quantities are swallowed.
Skin:	Drying of the skin can occur.
Eyes:	May cause eye irritation.

- 4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

Section 5: Fire-fighting Measures

- 5.1 Extinguishing media**
Suitable extinguishing agents
Product itself is non-combustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- 5.2 Special hazards arising from the substance or mixture**
None
- 5.3 Advice for fire-fighters**
Wear self-contained breathing apparatus for fire fighting if necessary
- 5.4 Further Information**
None

Section 6: Accidental Release Measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
Avoid airborne dust generation. If the generation of dust is likely, personal protective equipment should be worn in compliance with national legislation.
- 6.2 Environmental precautions**
No special environmental precautions required.
- 6.3 Methods and material for containment and cleaning up**
Dry product should be cleaned with a shovel or vacuum cleaner while wearing personal protective equipment in compliance with national legislation. Washing the floor with water is not recommended since it may cause the floor to become slippery. However, if talc is already wet, and only in this case, the floor should be thoroughly flushed with water to remove all slipperiness.
- 6.4 Reference to other sections**
For disposal see section 13



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Section 7: Handling and Storage

7.1 Precautions for safe handling

Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures/Precautions: Keep the product dry and in closed containers.

7.3 Specific end use(s)

No further relevant information available.

Section 8: Exposure Controls and Personal Protection

8.1 Control parameters

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

For the equivalent limits in other countries, please consult a competent occupational hygienist or the local regulatory authority.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.

8.2.2 Individual protection measures, such as personal protective equipment

Eye/face protection Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses with side-shields are recommended.

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.



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Nitrile Rubber gloves are recommended, with a layer thickness of 0.11mm and a breakthrough time of >480min.

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an Industrial Hygienist familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hygiene Measures

Do not eat, drink or smoke when handling. Observe standard industrial hygiene practice.

Environmental Exposure Controls

No special exposure controls required.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance :	Solid
Colour	White, off white to light grey powder.
Odour:	Odourless
Odour threshold:	Not relevant
pH:	8-10 (at 10% wt in water dispersion)
Melting point/freezing point:	> 1300 °C
Initial boiling point and boiling rate:	N/A
Flash point:	N/A
Evaporation rate:	N/A
Flammability (solid, gas):	Non flammable
Upper/lower flammability or explosive limits:	Not explosive. Limits do not apply
Vapour pressure:	N/A
Vapour density:	N/A
Relative density	2,75 g/cm ³
Solubility in water:	Negligible



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<i>Solubility in hydrofluoric acid:</i>	Yes
<i>Partition coefficient: n-octanol/water:</i>	N/A
<i>Auto-ignition Temperature:</i>	N/A
<i>Decomposition temperature:</i>	> 1000 °C
<i>Viscosity:</i>	N/A
<i>Explosive properties:</i>	Not explosive.
<i>Oxidising properties:</i>	Not oxidizing

9.2 Other information

No other information.

Section 10: Stability And Reactivity

- 10.1 Reactivity**
Inert, not reactive.
- 10.2 Chemical stability**
Chemically stable.
- 10.3 Possibility of hazardous reactions**
No dangerous reactions known
- 10.4 Conditions to avoid**
None
- 10.5 Incompatible materials**
None Known
- 10.6 Hazardous decomposition products**
Not Relevant

Section 11: Toxicological Information

- 11.1 Information on toxicological effects Information on the likely route of exposure:**
Inhalation is the primary route of exposure. Repeated and prolonged exposure to large amount of talc dust might induce a mild pneumoconiosis. This is caused by lung overload exposure, a non-specific particle effect, rather than a specific intrinsic fibrogenic activity of talc.

<i>Acute toxicity:</i>	Not Toxic
<i>Skin corrosion/irritation:</i>	May cause irritation.
<i>Serious eye damage/irritation:</i>	May cause irritation
<i>Respiratory or skin sensitisation:</i>	May cause irritation
<i>Germ cell mutagenicity:</i>	Based on available data, the classification criteria are not met
<i>Carcinogenicity:</i>	Based on available data, the classification criteria are not met



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Reproductive toxicity:
STOT-single exposure:
STOT-repeated exposure:
Aspiration hazard:

No data are available on this product.
Based on available data, the classification criteria are not met
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Based on available data, the classification criteria are not met.

Section 12: Ecological Information

- 12.1 Toxicity**
No specific adverse effect known
- 12.2 Persistence and degradability**
Product is an inorganic substance and therefore is not considered biodegradable.
- 12.3 Bio-accumulative potential**
Not expected to bio-accumulate
- 12.4 Mobility in soil**
Not relevant
- 12.5 Results of PBT and vPvB assessment**
Not relevant.
- 12.6 Other adverse effects**
No specific adverse effects known.

Section 13: Disposal Considerations

- 13.1 Waste treatment methods**
Waste from residues/unused products: Where possible, recycling is preferable to disposal. Dispose of in compliance with local regulations.
- Packaging:* Dust formation from residues in packaging should be avoided and suitable worker protection assured.
Store used packaging in enclosed receptacles.
The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company.
Recycling and disposal of packaging should be carried out in compliance with local regulations.

Section 14: Transport Information

- 14.1 UN number**
Not relevant.



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14.2 UN proper shipping name

Not relevant

14.3 Transport hazard class(es)

ADR: Not classified.

IMDG: Not classified.

ICAO/IATA: Not classified.

RID: Not classified.

14.4 Packing group

Not relevant.

14.5 Environmental hazards

Not relevant.

14.6 Special precautions for user

No special precautions.

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

Not relevant.

Section 15: Regulatory Information

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

International legislation/requirements:

Industrial Safety and Health Law: This product does not contain harmful or controlled hazardous substances under ISHL. Contains silica requiring workplace environmental monitoring. Contains <1% silica.

Toxic Chemical Control Act: This product does not contain chemical substances regulated as toxic, observational, restricted or banned under TCCA.

Dangerous Substance

Management Law:

This product does not contain chemical substances regulated under DSML.

Waste Management Law:

Ensure to dispose of in accordance with the waste treatment standards prescribed in Waste Management Law.

Other regulations based on domestic or foreign laws:

The following inventories have been investigated as to the publicly available portion of the lists:

	Talc	Chlorite	Dolomite	Magnesite
CAS	14807-96-6	1318-59-8	16389-88-1	13717-00-5
EINECS (EU)	238-877-9	215-285-9	240-440-2	



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AICS (Australia)	Yes	Yes*	Yes	Yes
CEPA (Canada)(DSL/NDL)	Yes (DSL)	Yes* (DSL)	Yes (DSL)	Yes (DSL)
KECI (Korea)(Korean Gazette No)	KE-32773	KE-05489	KE-13036	KE-22686
ENCS/ISHL/MITI (Japan)	Yes*	Yes*	Yes*	Yes*
IECSC (China)	Yes	Yes	Yes	Yes
PICCS (Phillipines)	Yes	Yes	Yes	Yes
TSCA (USA)	Yes	Yes*	Yes	Yes
SWISS ID NO (Switzerland)	G-6939	No	G-8431	G-7477
NZIoC (New Zealand)	Yes	Yes	Yes	Yes

Yes*: There exists a broad category for naturally occurring chemicals, so these minerals are covered by definition, but not specifically listed.

15.2 Chemical safety assessment

Exempted from REACH Registration in accordance with Annex V.7.

Section 16: Other Information

16.1 Indication of the changes made to the previous version of the SDS.

Revision Comments: Amendment to section 16.1.
Revision No: 11
Document Status: Full
Date: 07 July 2019

NOTE: MAGSIL TALCS are Non-Hazardous. As a result, a Safety Data Sheet is not a mandatory requirement. This Advisory Document is provided on a voluntary basis according to REACH Regulation (EC) No. 1907/2006.

Risk Phrases in Full

None

Hazard Statements in Full

None

Abbreviations and acronyms:

CLP: Classification, Labelling and Packaging of Chemicals
PBT: Persistent Bioaccumulative Toxic Chemical
vPvB: Very Persistent, Very Bioaccumulative
NIOSH: National Institute for Occupational Safety and Health



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CEN:	Comité Européen de Normalisation (European Committee for Standardization)
STOT:	Single Target Organ Toxicity
ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
RID:	Regulations Concerning the International Transport of Dangerous Goods by Rail (European law)
MARPOL 73/78:	International Convention for the Prevention of Pollution from Ships
AICS:	Australian Inventory of Chemical Substances.
CEPA:	Canadian Environmental Protection Agency
DSL:	Domestic Substance List
NDSL:	Non-Domestic Substances List
KECI:	Korea Existing Chemicals Inventory
ENCS:	Existing and New Chemical Substances
ISHL:	Industrial Safety and Health Law
MITI:	Ministry of International Trade and Industry
IECSC:	Inventory of Existing Chemical Substances Produced or Imported in China
PICCS:	Philippine Inventory of Chemicals and Chemical Substances
TSCA:	Toxic Substances Control Act
NZIoC:	New Zealand Inventory of Chemicals

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