

SAFETY DATA SHEET

Regulation (EC) No 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 453/2010)

Version 3

Issue Date 26/05/2021

Product Name : Chalk Powder

Revision date 26/01/2024

REACH regulation - n° 2020/878

SECTION 1: Identification of the substance /mixture and of the supplier

1.1. Product identifier

Product Name : Chalk Powder - 102018
CAS No : Not applicable
REACH registration number : Not applicable
Unique formulation identifier (UFI) : /

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

Recommended Use : Tracing
Uses advised against : Not applicable

1.3. Details of the supplier of the safety data sheet

Supplier	Fischer Darex
Address	Rue Lavoisier Le Chambon-Feugerolles
Postal Code	42 500
Phone	+33 477 101 900
FAX	+33 477 617 606
E-mail	info@fischer-darex.com

1.4. Emergency telephone number

+33 145 425 959

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

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

Not classified

2.2. Label elements

Symbols/Pictograms	None required
Signal word	None required
Hazard Statements	None required
Precautionary Statements	None required
Prevention	None required
Response	None required
Storage	None required
Disposal	None required

SECTION 3: Composition/information on Substance/Mixture

3.1 Substances

Specific concentration limit (SCL)	No information available
Multiplication factor (M)	No information available
Acute robustness estimate (ATE)	No information available

3.2. Mixture

Chemical Name	EC No	CAS No	Weight-%	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Calcium carbonate	207-439-9	471-34-1	60	Not classified	Not classified
Ultramarine blue	Not available	5 7455-37-5	40	Not classified	Not classified

SECTION 4: First aid measures**4.1. Description of first aid measures**

General advice	/
Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur. If not breathing, give artificial respiration.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion	Do NOT induce vomiting. Get medical attention.
Self-Protection of the First Aide	No special precautions required

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

No information available.

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

Note to doctors : Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam.

Unsuitable extinguishing media

No information available

5.2. Special hazards arising from the substance or mixture

Containers may explode when heated. Thermal decomposition can lead to release of irritating gases and vapors

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal Precautions

Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.

For emergency responders

6.2. Environmental precautions

Should not be released into the environment. See Section 12 for additional Ecological Information

6.3. Methods and material for containment and cleaning up

Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

6.4. Reference to other sections

Refer to protective measures listed in Sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place

7.3. Specific end use(s)

Use in laboratories

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ACGIH and EU have not developed exposure limits for any of this product's components.

Ventilation : Based on available information, additional ventilation is not required.

8.2. Exposure controls



Personal Protective Equipment : Protective gloves are not required under normal conditions.

Eye/Face Protection : Eye protection not required under normal conditions.

Skin and Body Protection : Protective clothing is not required under normal conditions.

Respiratory Protection : No respirator is required under normal conditions of use. Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State : Powder
Physical form : solid
Appearance : Not available
Color : Blue
Odor : Odorless
Odor : Threshold

Property
pH : 3-7
Melting point/freezing point : Not available
Boiling point / boiling range : Not available
Flash point : Not available
Evaporation rate : Not available
Flammability (solid, gas) : Not available
Flammability Limit in Air : Not available
Vapor Pressure : Not available
Vapor density : Not applicable
Density : Not available
Relative density : Not available
Specific gravity : Not available
Bulk density : Not available
Water solubility : Not available
Partition coefficient (LogPow) : Not available
Autoignition temperature : Not available
Decomposition temperature : Not available
Kinematic viscosity : Not available
Dynamic viscosity : Not available
Explosive properties : Not available
Oxidizing properties : Not available

9.2. Other information

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SECTION 10: Stability and reactivity

10.1. Reactivity

None known, based on information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous Polymerization : Hazardous polymerization does not occur
Hazardous Reactions : None under normal processing

10.4. Conditions to avoid

Incompatible products. Excess heat. Avoid dust

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

None under normal use conditions

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Oral	Based on available data, the classification criteria are not met
Dermal	Based on available data, the classification criteria are not met
Inhalation	Based on available data, the classification criteria are not met

Numerical measures of toxicit

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium carbonate	LD50 = 6450 mg/kg (Rat)	> 2000 mg/kg (Rat) (OECD Guideline 402)	> 3 mg/L 4h (Rat) (OECD Guideline 403)

Skin corrosion/irritation

Based on available data, the classification criteria are not met

Test method

OECD 404

Test species

Rabbit

Observational endpoint

No skin irritation

Serious eye damage/irritation;

Based on available data, the classification criteria are not met

Test method

OECD 405

Test species

Rabbit

Observational endpoint

No eye irritation

Respiratory sensitization

Based on available data, the classification criteria are not me

Skin sensitization

Based on available data, the classification criteria are not me

SECTION 12: Ecological information

12.1. Toxicity

Component	Freshwater Fish	Water Flea	Freshwater Algae
Calcium carbonate	LC50 > 56 g/L/96h	/	/

12.2. Persistence and degradability

Persistence Insoluble in water.

Degradability Not relevant for inorganic substances.

12.3. Bioaccumulative potential

May have some potential to bioaccumukate

12.4. Mobility in soil

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12.5. Results of PBT and vPvB assessment

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12.6. Other adverse effects

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.
Contaminated packaging	Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.
European Waste Catalogue (EWC)	According to the European Waste Catalog, Waste Codes are not product specific, but application specific
Other Information	Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

14.1 UN Number

No Classification assigned.

14.2 Proper shipping name

No Classification assigned.

14.3 Hazard Class

No Classification assigned.

14.4 Packing Group

No Classification assigned.

14.5 Environmental hazards

No Classification assigned.

14.6 Special precautions

No Classification assigned.

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

No Classification assigned.

SECTION 15: Regulatory information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture Regulation (EC) n. 1272/2008 (CLP) and amendments

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product : No restriction.

Restrictions related to the substances contained: No restriction.

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents). 1999/13/EC (VOC directive)

Provisions related to directives 82/501/EC(Seveso), 96/82/EC(Seveso II): N.A.

Chemical safety assessment No

15.2. Chemical safety assessment

No

SECTION 16: Other information

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

Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (time-weighted average)

STEL - STEL (Short Term Exposure Limit)

Ceiling - Maximum limit value

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

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

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a 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 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.

----- End of Safety Data Sheet -----