

Safety Data Sheet

Version No. 01/EN
Revision NA
Printing date 02.MAR, 2021

(according to Regulation EC 1907/2006)

1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name DUSTLESS CHALK
Registration no. Not Available

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

Identified uses Chalk

1.3 Details of the supplier of the safety data sheet

Manufacture's name PT Mungyo Group Indonesia
Address Jalan Tppas Lulut, Kampung Curug Dengdeng, Kel. Lulut, Kec. Klapanunggal,
Kab.
Bogor, Pro. Jawa Barat
Company MUNGYO CORPORATION
1380-14, Gimhae-daero, Hallim-myeon, Gimhae-si, Gyeongsangnam-do,
Republic of Korea
E-mail mungyokorea@gmail.com

1.4 Emergency telephone number

+62 822 1038 5970 / +82-10-5110-8205
This number is serviced during office hours only.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
The product is not classified according to the CLP regulation.
Information concerning particular hazards for human and environment:
The product has not to be labelled due to the calculation procedure of Regulation (EC) No. 1272/2008.
Classification system:
The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.

2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008 [EU-GHS/CLP] :Not applicable
Hazard pictograms: Not applicable
Signal word: Not applicable
Hazard-determining components of labelling: Not applicable
Hazard statements: Not applicable
Precautionary statements: Not applicable

2.3. Other hazards

Results of PBT and vPvB assessment
PBT: Not applicable
vPvB: Not applicable

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3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Mixture

Components	CAS No	%
Calcium carbonate	471-34-1	93~95
Polyvinyl alcohol	9002-89-9	1.5
Stearic acid	1957-11-4	1.5
Carboxymethylcellulose	9000-11-7	1
Silicic acid, sodium salt	1344-09-8	0.5
Pigments	-	2~3

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Move person to fresh air. In case of indisposition, seek medical advice.
Skin contact	Wash with water.
Eye contact	Rinse with plenty of water. In case of irritation, seek medical advice.
Ingestion	Symptomatic treatment. In case of indisposition, seek medical advice.

4.2 Most important symptoms /effects, acute and delayed

Call your health care provider and take special first aid measures.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media No data available

5.2 Special hazards arising from the substance or mixture

Non-Flammable, Non-combustible substance.

5.3 Advice for firefighters

No data available.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Will not mix with water. Avoid contact with acids.

6.2 Environmental precautions

Do not flush down drains. Slippery when wet.

6.3 Methods and material for containment and cleaning up

In case of spillage, wear respirable protection and sweep and collect.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Safety Data Sheet

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Avoid contact with skin, wear respirable protection if excessive dust is released from opened packaging.

7.2 Conditions for safe storage, including any incompatibilities

Store in original packaging, under dry conditions. Do not store with acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Occupational exposure limits

No data available.

8.2 Appropriate engineering controls

No data available.

8.3 Personal protection equipment

Respiratory protection No data available.

Hand protection No data available.

Eye / face protection No data available.

9. PHYSICAL & CHEMICAL PROPERTIES

properties	PRODUCT
Appearance	SOLID
Odour	Odorless
Odour threshold	No data
pH	8.5-9.5
Melting point/Freezing point	1340 °C
Boiling point and range	No data
Flash point	No data
Evaporation rate	No data
Flammability (solid, gas)	Non-Flammability
Upper/lower flammability or explosive limits	No data
Vapor pressure	No data
Vapor density	No data
Relative density	2.7
Solubility	0.014
Partition coefficient: n-octanol/water	< 1
Auto-ignition temperature	No self-ignition
Decomposition temperature	> 825 °C
Viscosity	No data
Explosive properties	No data
Oxidizing properties	No data

10. STABILITY AND REACTIVITY

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10.1 Reactivity	No data available
10.2 Chemical stability	Stable
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	Heating above 825 °C
10.5 Incompatible materials	Avoid contact with acids
10.6 Hazardous decomposition products	Can react with acids under the formation of carbon of CO ₂ that can displace oxygen (danger of suffocation).

11. TOXICOLOGICAL INFORMATION

11.1 Routes of exposure	No data available
11.2 Information on toxicological effects	
Acute toxicity	No relevant information found.
Skin corrosion/irritation:	No relevant information found.
Serious eye damage/irritation	No relevant information found.
Respiratory or skin sensitisation	No relevant information found.
Germ cell mutagenicity	No relevant information found.
Carcinogenicity	No relevant information found.
Reproductive toxicity	No relevant information found.
STOT-single exposure	No relevant information found.
STOT-repeated exposure	No relevant information found.
Aspiration hazard	No relevant information found.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity	No relevant information found.
12.2 Persistence and degradability	No relevant information found.
12.3 Bioaccumulative potential	No relevant information found.
12.4 Mobility in soil	No relevant information found.

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13. DISPOSAL CONSIDERATIONS

- 13.1 Disposal instructions** Dispose of containers and contents in accordance with regulations.
- 13.2 Waste from residues / unused products** Dispose of containers and contents in accordance with regulations.
- 13.3 Contaminated packaging** No data available

14. TRANSPORT INFORMATION

- 14.1 UN number** No data available
- 14.2 UN proper shipping name** No data available
- 14.3 Transport hazard class(es)** No data available
- 14.4. Packing group** No data available
- 14.5. Environmental hazards** No data available
- 14.6. Transport in bulk** No data available
- 14.7. International shipping information** No data available

15. REGULATORY INFORMATION

- 15.1 Regulatory information**
No data available
- 15.2 Chemical Safety Assessment:**
No data available
- 15.3 Inventory status**
No data available

16. OTHER INFORMATION

The contents and format of this MSDS/SDS are in accordance with Regulation (EC) No 1907/2006.

• References

KOSHA (<https://msds.kosha.or.kr>)

ECOTOX Database, EPA (<http://cfpub.epa.gov/ecotox>)

HSDB (Hazardous Substances Data Bank) TOXNET DATABASE; A toxicology database that focuses on the toxicology of potentially hazardous chemicals (<https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>)

International Uniform Chemical Information Database (IUCLID 2000)

The Chemical Database, The Department of Chemistry at the University of Akron (<http://ull.chemistry.uakron.edu/erd>)

ECB-ESIS (European chemical Substances Information System)

Corporate Solution From Thomson Micromedex (<http://csi.micromedex.com>)

NICNAS The National Industrial Chemicals Notification and Assessment Scheme (<https://www.nicnas.gov.au>)

ECOSAR The Ecological Structure Activity Relationships; a computerized predictive system that estimates aquatic toxicity by using computerized Structure Activity Relationships (SARs).

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• Abbreviation and acronyms

CLP: Regulation No. 1272/2008 on Classification, Labelling and Packaging of substances and mixtures

EC: European Community

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

STOT: Specific target organ toxicity

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