IMERYS

SAFETY DATA SHEET

#10 White (SYL)

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name #10 White (SYL)

CAS number 1317-65-3

Molecular Weight 100.1 g/mol

Details of the supplier of the safety data sheet

Supplier

Imerys Carbonates USA, Inc.
100 Mansell Court East, Ste 300
Roswell Georgia 30076, USA
+1 770 594-0660
+1 770 645-3384

Manufacturer

Imerys Carbonates USA, Inc.
1301 Gene E. Stewart Blvd
Sylacauga, AL 35151

Emergency telephone number

National emergency telephone number +1 (800) 424-9300 CHEMTREC

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards STOT RE 1 - H372

Environmental hazards Not Classified

Human health Long term exposure to crystalline silica can cause lung injury (silicosis). IARC and NTP have determined that crystalline silica inhaled from occupational sources can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure.

Label elements

Hazard symbols

Signal word Danger

Hazard statements H372 Causes damage to organs (Lungs) through prolonged or repeated exposure.

#10 White (SYL)

Precautionary statements P260 Do not breathe dust.
P264 Wash contaminated skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P314 Get medical advice/ attention if you feel unwell.
P501 Dispose of contents/ container in accordance with national regulations.

Contains Quartz

3. Composition/information on ingredients

Substances

Ground Limestone **>98%**
CAS number: 1317-65-3

Classification
Not Classified

Quartz **~1.5%**
CAS number: 14808-60-7

Classification
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Water **<1%**
CAS number: 7732-18-5

Classification
Not Classified

The full text for all hazard statements is displayed in Section 16.

Product name #10 White (SYL)

CAS number 1317-65-3

Composition comments The quartz weight % reported above is total weight and not respirable. A proportion of the quartz may become available in the respirable fraction. The level of exposure to respirable crystalline silica will depend on the actions performed on the product during handling and use. Exposure levels should, therefore, be measured during use, in comparison to relevant occupational exposure limits, as exposure cannot be determined from bulk product analysis.

4. First-aid measures

Description of first aid measures

Inhalation Move affected person to fresh air at once.

Ingestion Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person.

Skin Contact Wash with plenty of soap and water.

Eye contact Rinse cautiously with water for several minutes.

Most important symptoms and effects, both acute and delayed

General information The product is considered to be a low hazard under normal conditions of use.

5. Fire-fighting measures

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Extinguishing media

Suitable extinguishing media The product is non-combustible.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Use proper respiratory and personal protective equipment. MSHA / NIOSH or OSHA / NIOSH approved respirator recommended. Spilled materials may cause slippery conditions when wet. Care should be exercised when walking on spills on floors or concrete pads.

Methods and material for containment and cleaning up

Methods for cleaning up Vacuum, pump or scoop spilled material into containers for reclaiming or disposal. Do not discharge into drains, watercourses or onto the ground.

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid handling which leads to dust formation. Observe occupational exposure limits and minimise the risk of inhalation of dust.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in a cool and well-ventilated place. Store away from acids.

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction
Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

Ground Limestone

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction
Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

Quartz

Long-term exposure limit (8-hour TWA): OSHA 0.05 mg/m³ respirable dust
Long-term exposure limit (8-hour TWA): ACGIH 0.025 mg/m³ respirable fraction
A2

OSHA = Occupational Safety and Health Administration.
ACGIH = American Conference of Governmental Industrial Hygienists.
A2 = Suspected Human Carcinogen.

Quartz (CAS: 14808-60-7)

Ingredient comments Long term exposure to crystalline silica can cause lung injury (silicosis). IARC and NTP have determined that crystalline silica inhaled from occupational sources can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure.

Exposure controls

Appropriate engineering controls Provide adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.

Hand protection For prolonged or repeated skin contact use suitable protective gloves.

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Hygiene measures	Wash hands thoroughly after handling. Use appropriate skin cream to prevent drying of skin.
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.
Immediate danger to life and health	25 mg/m³

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Powder
Color	White.
Odor	Odorless.
pH	8-9
Initial boiling point and range	Not applicable.
Flash point	Not applicable.
Flammability (solid, gas)	Non flammable
Upper/lower flammability or explosive limits	Not applicable.
Solubility(ies)	Slightly soluble in water.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	825°C/1517°F
Refractive index	1.6
Molecular weight	100.1

10. Stability and reactivity

Reactivity	Acids.
Stability	No particular stability concerns. Will decompose at temperatures exceeding 825°C.
Conditions to avoid	Acids. Avoid handling which leads to dust formation.
Materials to avoid	Acids.
Hazardous decomposition products	Carbon dioxide (CO2).

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD_{50})	6450 mg/kg (rat)

Skin corrosion/irritation

Skin corrosion/irritation	Prolonged contact may cause dryness of the skin.

Carcinogenicity

IARC carcinogenicity	Crystalline silica dust (quartz): IARC Group 1 Carcinogenic to humans.

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NTP carcinogenicity Crystalline silica, respirable (Quartz): Known human carcinogen.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Long term exposure to crystalline silica can cause lung injury (silicosis). IARC and NTP have determined that crystalline silica inhaled from occupational exposure sources can cause cancer in humans. Risk of injury is dependent on duration and level of exposure.

Target organs Lungs

12. Ecological information

Ecotoxicity The product is not expected to be hazardous to the environment.

13. Disposal considerations

Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

Disposal methods Under RCRA (40 CFR 261) ground limestone is a non-hazardous waste. Dispose of waste materials in accordance with all local, state and federal requirements.

14. Transport information

General No special precautions.

Environmental hazards

Environmentally Hazardous Substance
No.

15. Regulatory information

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities
Not listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)
Not listed.

SARA 313 Emission Reporting
Not listed.

SARA (311/312) Hazard Categories
Immediate
Delayed

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

WARNING
This product can expose you to chemicals including crystalline silica (quartz), which is known to the state of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Massachusetts "Right To Know" List
Not listed.

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Rhode Island "Right To Know" List
Present.

Minnesota "Right To Know" List
Not listed.

New Jersey "Right To Know" List
Not listed.

Pennsylvania "Right To Know" List
Present.

Inventories

EU - EINECS/ELINCS
Yes

Canada - DSL/NDSL
Covered on the Canadian Domestic Substances List (DSL) by the entry “naturally occurring substances” (Environment Canada, 1998).
NDSL

US - TSCA
Yes

US - TSCA 12(b) Export Notification
No.

Australia - AICS
Yes

Japan - ENCS
Yes

Korea - KECI
Yes

China - IECSC
Yes

Philippines - PICCS
Yes

New Zealand - NZIOC
Yes

Taiwan - TCSI
Yes

16. Other information

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Abbreviations and acronyms used in the safety data sheet	CFR: Code of Federal Regulation MSHA: Mine Safety and Health Administration NIOSH: National Institute for Occupational Safety and Health NTP: National Toxicology Program OSHA: Occupational Safety and Health Administration RCRA: Resource Conservation and Recovery Act TWA: Time Weighted Average IARC: International Agency for Research on Cancer
Classification abbreviations and acronyms	STOT RE = Specific target organ toxicity-repeated exposure
Issued by	Carbonates N.A.
Revision date	10/22/2018
SDS No.	22686
WHMIS	Ground limestone containing more than 0.1% of a carcinogenic substance (crystalline silica) is classified as carcinogenicity - Category 1A.
Hazard statements in full	H372 Causes damage to organs (Lungs) through prolonged or repeated exposure. H372 Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.
ACA HMIS Health rating.	Slight Hazard. (1)
ACA HMIS Flammability rating.	Will not burn. (0)
ACA HMIS Physical hazard rating.	Normally stable. (0)
ACA HMIS Personal protection rating.	E

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.