



**SAFETY DATA SHEET**  
**Z White WT**

## 1. Identification

### Product identifier

**Product name** Z White WT  
**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.  
 9986 Hwy 53 East  
 Marble Hill, GA 30148

### Emergency telephone number

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

## 2. Hazard(s) identification

### Classification of the substance or mixture

**OSHA Regulatory Status** This Product is Hazardous under the OSHA Hazard Communication Standard.

**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

#### Pictogram



#### Signal word

Danger

#### Hazard statements

H372 Causes damage to organs through prolonged or repeated exposure.

## Z White WT

<b>Precautionary statements</b>	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

<b>Ground Limestone (Calcium Carbonate)</b>	<b>&gt;99%</b>
CAS number: 1317-65-3	
<b>Classification</b> Not Classified	
<b>Water</b>	<b>&lt;0.5%</b>
CAS number: 7732-18-5	
<b>Classification</b> Not Classified	
<b>Quartz</b>	<b>~0.5%</b>
CAS number: 14808-60-7	
<b>Classification</b> STOT RE 1 - H372	

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

**Product name** Z White WT

**CAS number** 1317-65-3

### 4. First-aid measures

#### Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person.
<b>Skin Contact</b>	Wash with plenty of soap and water.
<b>Eye contact</b>	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

#### Extinguishing media

**Suitable extinguishing media** The product is non-combustible.

## Z White WT

### 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/m<sup>3</sup> respirable fraction

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m<sup>3</sup> total dust

#### **Ground Limestone (Calcium Carbonate)**

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m<sup>3</sup> respirable fraction

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m<sup>3</sup> total dust

#### **Quartz**

Long-term exposure limit (8-hour TWA): OSHA 0.05 mg/m<sup>3</sup> respirable dust

Long-term exposure limit (8-hour TWA): ACGIH 0.025 mg/m<sup>3</sup> 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)

<b>Ingredient comments</b>	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.
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#### 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.

**Hygiene measures** Wash hands thoroughly after handling. Use appropriate skin cream to prevent drying of skin.

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**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/m<sup>3</sup>

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

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

### 10. Stability and reactivity

<b>Reactivity</b>	Acids.
<b>Stability</b>	No particular stability concerns. Will decompose at temperatures exceeding 825°C.
<b>Conditions to avoid</b>	Acids. Avoid handling which leads to dust formation.
<b>Materials to avoid</b>	Acids.
<b>Hazardous decomposition products</b>	Carbon dioxide (CO <sub>2</sub> ).

### 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)**      Quartz: 6450 mg/kg (rat)

#### Skin corrosion/irritation

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

#### Carcinogenicity

**IARC carcinogenicity**      IARC Group 1    Carcinogenic to humans.

**NTP carcinogenicity**      Known human carcinogen.

#### Specific target organ toxicity - repeated exposure

## Z White WT

**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

**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**

This product contains Crystalline Silica (quartz), which in its respirable form, is known to the state of California to cause cancer and/or birth defects and other reproductive harm.

**Massachusetts "Right To Know" List**

Present.

**Rhode Island "Right To Know" List**

Present.

**Minnesota "Right To Know" List**

Present.

**New Jersey "Right To Know" List**

Present.

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### Pennsylvania "Right To Know" List

Present.

### Inventories

#### EU - EINECS/ELINCS

Yes

#### Canada - DSL/NDSL

Yes

#### US - TSCA

Yes

#### US - TSCA 12(b) Export Notification

No.

#### Australia - AICS

Yes

#### Japan - MITI

Yes

#### Korea - KECI

Yes

#### China - IECSC

Yes

#### Philippines - PICCS

Yes

#### New Zealand - NZIOC

Yes

#### Taiwan - NECI

Yes

### 16. Other information

#### Abbreviations and acronyms used in the safety data sheet

CFR: Code of Federal Regulation  
IARC: International Agency for Research on Cancer  
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

#### Classification abbreviations and acronyms

STOT RE = Specific target organ toxicity-repeated exposure

#### Revision date

4/2/2018

#### SDS No.

22733

#### WHMIS

Ground limestone containing more than 0.1% of a carcinogenic substance (crystalline silica) is classified as carcinogenicity - Category 1A.

## Z White WT

<b>Hazard statements in full</b>	H372 Causes damage to organs through prolonged or repeated exposure. H372 Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.
<b>ACA HMIS Health rating.</b>	Slight Hazard. (1)
<b>ACA HMIS Flammability rating.</b>	Will not burn. (0)
<b>ACA HMIS Physical hazard rating.</b>	Normally stable. (0)
<b>ACA HMIS Personal protection rating.</b>	E

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