



# IMERYS

## SAFETY DATA SHEET

### PoolMix (WHI)

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

#### 1. Identification

##### Product identifier

<b>Product name</b>	PoolMix (WHI)
<b>Chemical name</b>	Calcium Carbonate
<b>CAS number</b>	1317-65-3
<b>Molecular Weight</b>	100.1 g/mol

##### Recommended use of the chemical and restrictions on use

<b>Application</b>	Pool plastering.
<b>Uses advised against</b>	Not for human or animal consumption.

##### Details of the supplier of the safety data sheet

<b>Supplier</b>	Imerys Carbonates USA, Inc. 100 Mansell Court East, Ste 300 Roswell Georgia 30076, USA +1 770 594-0660 +1 770 645-3384
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<b>Manufacturer</b>	Imerys Carbonates USA, Inc. 2314 Whitestone Rd. Talking Rock, GA 30175
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##### Emergency telephone number

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

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	STOT RE 1 - H372
<b>Environmental hazards</b>	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**



## PoolMix (WHI)

<b>Signal word</b>	Danger
<b>Hazard statements</b>	H372 Causes damage to organs through prolonged or repeated exposure.
<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.

### 3. Composition/information on ingredients

#### Substances

<b>Ground Limestone</b>	<b>&gt;97%</b>
CAS number: 1317-65-3	
<b>Classification</b> Not Classified	
<b>Quartz</b>	<b>~2.5%</b>
CAS number: 14808-60-7	
<b>Classification</b> STOT RE 1 - H372	
<b>Water</b>	<b>&lt;0.5%</b>
CAS number: 7732-18-5	
<b>Classification</b> Not Classified	

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

<b>Product name</b>	PoolMix (WHI)
<b>Chemical name</b>	Calcium Carbonate
<b>CAS number</b>	1317-65-3
<b>Composition comments</b>	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

<b>General information</b>	Get medical attention if any discomfort continues. Consult a physician for specific advice.
<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.

## PoolMix (WHI)

### 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. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** No specific recommendations.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** The product is non-combustible. The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media** None known.

#### Special hazards arising from the substance or mixture

**Specific hazards** Will decompose at temperatures exceeding 840°C/1500°F. The product will produce carbon dioxide on strong heating or reaction with acid.

#### Advice for firefighters

**Protective actions during firefighting** Wear suitable respiratory protection. No specific fire-fighting protection is required. Use an extinguishing agent suitable for the surrounding fire.

### 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.

**For emergency responders** Ensure adequate ventilation. Keep dust levels to a minimum.

#### Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation. 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** Do not eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas. Provide adequate ventilation. Avoid breathing dust. 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

## PoolMix (WHI)

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

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.

**Immediate danger to life and health** 25 mg/m<sup>3</sup>

### 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.

**Immediate danger to life and health** 25 mg/m<sup>3</sup>

### Exposure controls

<b>Appropriate engineering controls</b>	Provide adequate ventilation. Mechanical ventilation or local exhaust ventilation may be required. In case of insufficient ventilation, wear suitable respiratory equipment. Observe any occupational exposure limits for the product or ingredients. Avoid inhalation of dust.
<b>Eye/face protection</b>	Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.
<b>Hand protection</b>	For prolonged or repeated skin contact use suitable protective gloves.
<b>Hygiene measures</b>	Wash hands thoroughly after handling. Use appropriate skin cream to prevent drying of skin.
<b>Respiratory protection</b>	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.
<b>Environmental exposure controls</b>	Dispose of contents/containers in accordance with local regulations

## 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>Odor threshold</b>	Does not apply, as product is odorless.
<b>pH</b>	8-9
<b>Melting point</b>	>1300°C / >2400°F
<b>Initial boiling point and range</b>	Not applicable.

## PoolMix (WHI)

<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Non flammable
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapor pressure</b>	Not applicable.
<b>Vapor density</b>	Not applicable.
<b>Relative density</b>	2.71 g/cm <sup>3</sup>
<b>Solubility(ies)</b>	Slightly soluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	>840°C/>1500°F
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Refractive index</b>	1.6
<b>Molecular weight</b>	100.1
<b>Volatile organic compound</b>	Not applicable.

### 10. Stability and reactivity

<b>Reactivity</b>	When in contact with acids this product will form calcium oxide and carbon dioxide.
<b>Stability</b>	No particular stability concerns. Stable at normal ambient temperatures. Will decompose at temperatures exceeding 840°C/1500°F. The product will produce carbon dioxide on strong heating or reaction with acid. When in contact with acids this product will form calcium oxide and carbon dioxide.
<b>Conditions to avoid</b>	Acids.
<b>Materials to avoid</b>	Acids.
<b>Hazardous decomposition products</b>	Carbon dioxide (CO <sub>2</sub> ). Calcium oxide (CaO).

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

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

##### Skin corrosion/irritation

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

##### Serious eye damage/irritation

**Serious eye damage/irritation** Slightly irritating.

##### Carcinogenicity

## PoolMix (WHI)

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

**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

### Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard

**Inhalation** Dust in high concentrations may irritate the respiratory system. Frequent inhalation of dust over a long period of time increases the risk of developing pneumoniocosis.

**Skin Contact** Prolonged contact may cause dryness of the skin.

**Eye contact** May cause eye irritation.

## 12. Ecological information

**Ecotoxicity** The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

### Persistence and degradability

**Persistence and degradability** The product is biodegradable.

### Bioaccumulative potential

**Bio-Accumulative Potential** Bioaccumulation is unlikely.

**Partition coefficient** No information available.

### Mobility in soil

**Mobility** Slightly soluble in water. Will sediment over time.

## 13. Disposal considerations

### Waste treatment methods

**General information** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Dispose of contents/container in accordance with local regulations.

## 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

**DOT transport notes** Not regulated.

### Environmental hazards

**Environmentally Hazardous Substance**

No.

## 15. Regulatory information

### US Federal Regulations

## PoolMix (WHI)

### 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

Delayed

This product is subject to the reporting requirements of SARA 312 at a threshold quantity of 10,000 pounds.

### 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](http://www.P65Warnings.ca.gov).

#### Massachusetts "Right To Know" List

The following ingredients are listed:  
Quartz (crystalline silica)

#### Rhode Island "Right To Know" List

The following ingredients are listed:  
Quartz (crystalline silica)  
Ground Limestone

#### Minnesota "Right To Know" List

The following ingredients are listed:  
Quartz (crystalline silica)  
Ground Limestone

#### New Jersey "Right To Know" List

The following ingredients are listed:  
Quartz (crystalline silica)  
Ground Limestone

#### Pennsylvania "Right To Know" List

The following ingredients are listed:  
Quartz (crystalline silica)  
Ground Limestone

### 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.

## PoolMix (WHI)

### 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

<b>Abbreviations and acronyms used in the safety data sheet</b>	CFR: Code of Federal Regulation DOT: Department of Transportation IARC: International Agency for Research on Cancer IATA: International Air Transport Association IMDG: International Maritime Dangerous Goods 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
<b>Classification abbreviations and acronyms</b>	STOT RE = Specific target organ toxicity-repeated exposure
<b>Issued by</b>	Carbonates N.A.
<b>Revision date</b>	4/30/2020
<b>Supersedes date</b>	10/22/2018
<b>SDS No.</b>	22784
<b>WHMIS</b>	Ground limestone containing more than 0.1% of a carcinogenic substance (crystalline silica) is classified as carcinogenicity - Category 1A.
<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)



## PoolMix (WHI)

**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.