

#### **Hubercarb® Q325**

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03 Canadian Workplace Hazardous Material Information System (WHMIS) 2015 Mexico NOM-018-STPS-2000; NOM-018-STPS-2015 GHS (Globally Harmonized System)

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# SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

**Product Name:** Hubercarb® Q325

Pure substance/mixture Substance

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

Recommended Use Filler Functional additive

None known. Uses advised against

1.3. Details of the supplier of the safety data sheet

Huber Carbonates, LLC Company:

3100 Cumberland Boulevard, Suite 600

Atlanta, GA 30339 USA

Tel: +1 678 247-7300

www.hubermaterials.com Internet

Contact E-Mail hubermaterials@huber.com

1.4. Emergency telephone

number

CHEMTREC: +1 800 424 9300 or International +1 703 527 3887

### **SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

**OSHA Regulatory Status** Carcinogenicity category 1A

**GHS Classification** Carcinogenicity category 1A

Specific target organ toxicity (STOT) - repeated exposure, category 1

Not classified **Physical Hazards** 

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**Health Hazards** Carcinogenicity category 1A

Specific target organ toxicity (STOT) - repeated exposure, category 1

Respiratory system

**Environmental Hazard** Not classified

2.2. Label elements

Symbols/Pictograms



Signal Word Danger

**Hazard Statements** H350 - May cause cancer

H372 - Causes damage to organs through prolonged or repeated exposure

**Precautionary Statements** 

Prevention Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Do not breathe dust

Wash hands thoroughly after handling

Do not eat, drink or smoke when using this product

Wear protective gloves/protective clothing/eye protection/face protection

Response Get medical advice/attention if you feel unwell

Store locked up Storage

Dispose of contents/containers in accordance with local regulations Disposal

**Additional Information:** Not applicable.

Hazards not otherwise classified None known.

(HNOC)

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### **SECTION 3: Composition/information on ingredients**

Substance Pure substance/mixture

Chemical Name	CAS Number	Weight-%
Limestone	1317-65-3	97 - 100
Crystalline Silica, quartz (impurity)	14808-60-7	0.2 - 2

### **SECTION 4: First aid measures**

4.1. Description of first aid measures

**General Advice** When in doubt or if symptoms are observed, get medical advice.

**Eye Contact** In case of eye contact, remove contact lens and rinse immediately with plenty of

water, also under the eyelids, for at least 15 minutes.

**Skin Contact** Wash with plenty of soap and water.

Ingestion Rinse mouth thoroughly with water.

If breathing is difficult, remove victim to fresh air and keep at rest in a position Inhalation

comfortable for breathing.

Not an expected route of exposure. **Aspiration hazard** 

4.2. Most important symptoms and effects, both acute and

delayed

Signs and symptoms may include coughing, gasping, choking and difficulty

breathing.

medical attention and special

treatment needed

**4.3. Indication of any immediate** IF exposed or concerned: Get medical advice/attention. Treatment should be symptomatic and supportive. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of

contamination.

### **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

#### Suitable Extinguishing

Water spray (fog). Foam. Dry chemical. Carbon dioxide (CO2).

### **Unsuitable Extinguishing Media**

None known.

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5.2. Special hazards arising from the substance or mixture

Do not breathe dust.

5.3. Advice for firefighters

Special protective

equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Fire-fighting measures

In case of fire and/or explosion do not breathe fumes.

### **SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

Keep unauthorized personnel away. Use personal protection recommended in

Section 8. Avoid dust formation. Ensure adequate ventilation.

For non-emergency personnel Keep unauthorized personnel away.

For emergency responders Keep unauthorized personnel away. Use personal protection recommended in

Section 8.

**6.2. Environmental precautions** Avoid runoff to waterways and sewers.

6.3. Methods and material for containment and cleaning up Large Spill: Do not dry sweep dust. Wet dust with water before sweeping or use a

vacuum to collect dust Small Spill: Vacuum or sweep material and place in a

disposal container

6.4. Reference to other sections Section 8: Exposure controls and personal protection. See Section 13 for

additional waste treatment information.

## **SECTION 7: Handling and storage**

7.1. Precautions for safe handling

Avoid exposure - obtain special instructions before use. Ensure adequate ventilation. Do not breathe dust. Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, Keep container tightly closed and dry. Store away from incompatible materials. including any incompatibilities

### **SECTION 8: Exposure controls/personal protection**

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### 8.1. Control parameters

### Occupational exposure limits

Limestone

**OSHA** 5 mg/m3 TWA (respirable fraction)

15 mg/m<sup>3</sup> TWA (total dust)

OSHA - Final PELs -TWA 15 mg/m<sup>3</sup> TWA

**ACGIH** 10 mg/m3 Total Dust, 3 mg/m3 Respirable Dust

Canada 10 ma/m<sup>3</sup> Canada - British Columbia - OEL-20 mg/m<sup>3</sup>

STELs

Crystalline Silica, quartz (impurity)

OSHA TWA: 0.05 mg/m<sup>3</sup>

OSHA Action level: 0.025 mg/m<sup>3</sup> **ACGIH** TWA: 0.025 mg/m³ respirable fraction Canada 0.025 mg/m³ TWA (respirable particulate)

Canada - British Columbia - OEL -ACGIH Category A2 - Suspected Human Carcinogen

IARC Category 1 - Human Carcinogen Designated Substances

Canada - Ontario - OEL - TWA EVs 0.10 mg/m<sup>3</sup>

Canada - Manitoba - OEL - TWA 0.025 mg/m3 TWA (respirable fraction) Canada - Nova Scotia - OEL - TWA 0.025 mg/m<sup>3</sup> TWA (respirable fraction) Canada - Prince Edward Island - OEL - 0.025 mg/m3 TWA (respirable fraction)

TWA

Mexican Carcinogen Category: A2 (Suspected Human Carcinogen) Mexico

TWA (VLE-PPT): 0.025 mg/m3.

**PNEC (Predicted No Effect** 

Concentration)

No information available

DNEL (Derived No Effect Level) No information available

**Biological Limit Values** No information available

8.2. Exposure controls

Provide a good standard of controlled ventilation (10 to 15 air changes per hour). **Engineering Measures** 

Personal protective equipment

**Eye/Face Protection** 

Wear safety glasses with side shields (or goggles).

**Skin and Body Protection** Wear suitable protective clothing.

**Hand Protection** For operations where prolonged or repeated skin contact may occur, impervious

gloves should be worn.

**Respiratory Protection** When workers are facing concentrations above the exposure limit they must use

appropriate certified respirators.

Thermal hazards None known. Wear suitable protective clothing.

Follow general hygiene considerations recognized as common good workplace **Hygiene Measures** 

practices. The worker should wash daily at the end of each work shift, and prior to

eating, drinking, smoking, etc.

**Environmental Exposure** 

**Controls** 

Dispose of in accordance with local regulations.

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### **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

Appearance:

Physical State Solid Color White Odor Odorless

Odor Threshold No information available

pH: 8.4-10.2 (5% water suspension)

Melting point / Freezing pointNot applicableBoiling PointNot applicableFreezing PointNot applicableFlash PointNot applicableEvaporation RateNot applicableFlammability (solid, gas)Not applicable

Upper flammability limit: --Lower flammability limit: ---

Vapor PressureNot applicableVapor DensityNot applicableDensityNo data availableRelative Density2.7 g/cm3 @ 20°C

Water Solubility 0.01 g/l (Practically insoluble) @ 20°C

Solubility in other solvents No information available

Partition coefficientNot applicableAutoignition TemperatureNot applicable

**Decomposition Temperature** 1292 - 1652 °F (700 - 900 °C)

Viscosity

Kinematic viscosity

Explosive Properties

Oxidizing Properties

Not applicable

Not applicable

Not applicable

Particle Size No information available

VOC Content (%) Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Not applicable

9.2.2. Other safety characteristics

Not applicable

### **SECTION 10: Stability and reactivity**

**10.1. Reactivity** None

10.2. Chemical stability Stable

10.3. Possibility of hazardous No specific hazard known

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reactions

10.4. Conditions to avoid Incompatible materials

10.5. Incompatible materials Strong acids

10.6. Hazardous decomposition None known

products

### **SECTION 11: Toxicological information**

**General Information** Users are advised to consider national Occupational Exposure Limits or other

equivalent values.

11.1. Information on toxicological effects

Limestone

Oral LD50 6450 mg/kg Rat

Crystalline Silica, quartz (impurity)

LD50s and LC50s 500 mg/kg Oral LD50 Rat Oral LD50 500 mg/kg Rat Mouse

**ACGIH** Group 2A - Probably Carcinogenic to Humans

**IARC** Group 1 - Carcinogenic to Humans

**Acute Toxicity** Users are advised to consider national Occupational Exposure Limits or other

equivalent values

Potential occupational carcinogen. **Chronic Toxicity** 

**Chronic Effects** Extended inhalation at levels above the workplace limit value can cause

irreversible damage to the lungs (silicosis).

Based on available data, the classification criteria are not met **Respiratory Sensitization** 

Serious eye damage/eye

irritation

Based on available data, the classification criteria are not met

Skin Corrosion/Irritation Based on available data, the classification criteria are not met

Skin Sensitization Based on available data, the classification criteria are not met

Mutagenicity Based on available data, the classification criteria are not met

Based on available data, the classification criteria are not met. **Reproductive Effects** 

Crystalline silica (quartz) has been classified by the International Agency for Carcinogenicity

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Research on Cancer (IARC) as a known human carcinogen (Group 1).

Target Organ Effects Respiratory system. Immune system. Kidney.

Specific target organ toxicity -

Single exposure

No information available.

Specific target organ toxicity -

Repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Respiratory system. Immune system. Kidney.

Information on Likely Routes of Exposure

**Inhalation** Extended inhalation at levels above the workplace limit value can cause

irreversible damage to the lungs (silicosis)

**Ingestion** Ingestion is not a likely route of exposure

**Skin**Contact with dust can cause mechanical irritation or drying of the skin

**Eyes** Avoid contact with eyes

Dust contact with the eyes can lead to mechanical irritation

**Aspiration hazard** Not an expected route of exposure.

Symptoms related to the

physical, chemical and

Contact with dust can cause mechanical irritation or drying of the skin. Dust may cause mechanical irritation to eyes. May cause irritation. Mucous Membrane.

toxicological characteristics respiratory tract.

11.2. Information on other hazards

**11.2.1.** Endocrine disrupting This product does not contain any known or suspected endocrine disruptors

properties

**11.2.2. Other information** Not applicable

### **SECTION 12: Ecological information**

**12.1. Toxicity**Not considered to be harmful to aquatic life

Limestone

WGK Classification (AwSV) 317 WGK: nwg

Crystalline Silica, quartz (impurity)

WGK Classification (AwSV) 849 WGK: nwg

12.2. Persistence and

degradability

Not readily biodegradable.

12.3. Bioaccumulative potential None.

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Partition coefficient Not applicable

**Bioconcentration factor** 

(BCF)

Not available.

12.4. Mobility in soil None.

12.5. Results of PBT and vPvB

assessment

This substance does not meet the criteria for classification as PBT or vPvB.

12.6. Endocrine disrupting

properties

This product does not contain any known or suspected endocrine disruptors

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws **Disposal Methods** 

and regulations.

**Contaminated Packaging** Empty containers should be taken to an approved waste handling site for recycling

or disposal.

Waste codes Waste codes should be assigned by the user based on the application for which

the product was used

Limestone

**European Waste Catalog** 10130414 WGK Classification (AwSV) 317 WGK: nwg

Crystalline Silica, quartz (impurity)

WGK Classification (AwSV) 849 WGK: nwg

# **SECTION 14: Transport information**

### Mode of Transportation (Road, Water, Air, Rail)

Not regulated TDG -Canada DOT Not regulated Not regulated **IATA** IMDG/IMO Not regulated **ICAO** Not regulated

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14.2. UN proper shipping name None

14.3. Transport hazard class(es) None

14.4. Packing group None

14.5. Environmental hazards No

14.6. Special precautions for Not applicable

user

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

# **SECTION 15: Regulatory information**

#### **Global Inventories**

Pure substance/mixture Substance

Chemical Name	CAS Number	EC No	EU REACH registrati on number	Australia (AIIC)	Canada (DSL)	China (IECSC)	Japan	S. Korea (KECL)	Mexico		Philippine s (PICCS)	Taiwan	TSCA: United States
Limestone	1317-65-3	215-279-6	Exempt	Y	Y (NDSL)	Y	(1)-122(EN CS)(ISHL)	KE-21996	Υ	Y	Y	Υ	Α
Crystalline Silica, quartz (impurity)		238-878-4	Exempt	Y	Y	Y	(1)-548(EN CS)(ISHL)	KE-29983	Υ	Y	Y	Υ	Α

X / Y: Complies ; A: Active ; - / N: Exempt / Not Listed

### **US Federal Regulations**

### **EPA**

SARA 311/312 Hazardous Categorization

Carcinogenicity

**CWA (Clean Water Act)** 

Not listed

**CAA (Clean Air Act)** 

Not listed

### U.S. State Right-to-Know Regulations

Chemical Name	CAS Number	California Proposition 65	Massachusetts	Minnesota	New Jersey	Pennsylvania
Limestone	1317-65-3	N	Y	Υ	sn 4001	Υ
Crystalline Silica, quartz (impurity)	14808-60-7	Y	Y	Y	sn 1660	Y

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Y: Listed; N: Not Listed

### California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This product can expose you to crystalline silica, which is known to the State of California to cause cancer.

#### **CANADA**

#### **WHMIS**

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

#### Limestone

H350; H372

Crystalline Silica, quartz (impurity)

H350: H372

### **SECTION 16: Other information**

Huber Engineered Materials (HEM) Global Regulatory Affairs Prepared by

regulatory.affairs@huber.com

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OSHA (Occupational Safety and Health Administration of the US Department of **Reason for Version** 

**Training Advice** Do not handle until all safety precautions have been read and understood.

IARC (International Agency for Research on Cancer) Abbreviations and acronyms

IATA (International Air Transport Association) IMDG (International Maritime Dangerous Goods)

IUCLID (International Uniform Chemical Information Database) WHMIS (Workplace Hazardous Materials Information System)

DOT (Department of Transportation)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

TWA (Time-Weighted Average)

CLP (The Classification, Labeling and Packaging of Substances and Mixtures Regulation (EC

1272/2008))

PPE (Personal Protection Equipment)

NIOSH (National Institute for Occupational Safety and Health)

TDG (Transport of Dangerous Goods) Canada

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)

RQ (Reportable Quantity) (RQ/% in mixture)

STEL (Short Term Exposure Limit) TLV® (Threshold Limit Value) DNEL (Derived No Effect Level)

SVHC (Substances of Very High Concern) BOD (Biochemical oxygen demand) COD (Chemical oxygen demand)

ICAO (International Civil Aviation Organization) IMDG (International Maritime Dangerous Goods)

ADR (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

RID (Agreement Concerning the International Carriage of Dangerous Goods by Rail)

SCBA (Self-Contained Breathing Apparatus) Positive Pressure

GHS (Globally Harmonized System)

SARA (Superfund Amendments and Reauthorization Act of 1986)

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TSCA (Toxic Substances Control Act)

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**End of Safety Data Sheet**