



Hubercarb® G60

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® G60

Pure substance/mixture Substance

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

Recommended Use	Filler. Functional additive.
1.3. Details of the supplier of the safety data sheet	
Company:	Huber Carbonates, LLC 3100 Cumberland Boulevard, Suite 600 Atlanta, GA 30339 USA
	Tel: +1 678 247-7300
Internet	www.hubermaterials.com
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 Specific target organ toxicity (STOT) - repeated exposure, category 2
GHS Classification	Carcinogenicity category 1A Specific target organ toxicity (STOT) - repeated exposure, category 2
Physical Hazards	Not classified

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Health Hazards	Carcinogenicity category 1A Specific target organ toxicity (STOT) - repeated exposure, category 2 Respiratory system
Environmental Hazard	Not classified
2.2. Label elements	
Symbols/Pictograms	
Signal Word	Danger
Hazard Statements	H350 - May cause cancer H373 - May cause 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 Wear protective gloves/protective clothing/eye protection/face protection
Response	IF exposed or concerned: Get medical advice/attention
Storage	Store locked up
Disposal	Dispose of contents/containers in accordance with local regulations
Additional Information:	Not applicable.
Hazards not otherwise classifie	d None known.

Hazards not otherwise classified None known. (HNOC)

SECTION 3: Composition/information on ingredients

Pure substance/mixture

Substance

Chemical Name	CAS Number	Weight-%
Limestone	1317-65-3	97 - 100
Crystalline Silica, quartz (impurity)	14808-60-7	0.1 - 0.3

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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.	
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.	
Aspiration hazard	Not an expected route of exposure.	
4.2. Most important symptoms and effects, both acute and delayed	Signs and symptoms may include coughing, gasping, choking and difficulty breathing.	
4.3. Indication of any immediate medical attention and special treatment needed	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 Media Water spray (fog). Foam. Dry chemical. Carbon dioxide (CO2).

Unsuitable Extinguishing Media None known.

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

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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	Avoid exposure - obtain special instructions before use. Ensure adequate
handling	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

8.1. Control parameters

Occupational exposure limits

Limestone

OSHA

5 mg/m³ TWA (respirable fraction) 15 mg/m³ TWA (total dust)

OSHA - Final PELs -TWA

15 mg/m³ TWA

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ACGIH	10 mg/m ³ Total Dust, 3 mg/m ³ Respirable Dust
Canada	10 mg/m ³
Canada - British Columbia - OEL- STELs	20 mg/m ³
Crystalline Silica, quartz (impur	itu)
OSHA	TWA: 0.05 mg/m ³
	OSHA Action level: 0.025 mg/m ³
ACGIH	TWA: 0.025 mg/m ³ respirable fraction
Canada	0.025 mg/m ³ TWA (respirable particulate)
Canada - British Columbia - OEL -	ACGIH Category A2 - Suspected Human Carcinogen
Designated Substances Canada - Ontario - OEL - TWA EVs	IARC Category 1 - Human Carcinogen 0.10 mg/m ³
Canada - Manitoba - OEL - TWA	0.025 mg/m ³ TWA (respirable fraction)
Canada - Nova Scotia - OEL - TWA	0.025 mg/m ³ TWA (respirable fraction)
Canada - Prince Edward Island - OEL	- 0.025 mg/m ³ TWA (respirable fraction)
TWA	
Mexico	Mexican Carcinogen Category: A2 (Suspected Human Carcinogen) TWA (VLE-PPT): 0.025 mg/m ³ .
PNEC (Predicted No Effect	No information available
Concentration)	
,	
DNEL (Derived No Effect Level)	No information available
· · ·	
Biological Limit Values	No information available
9.2 Expedito controlo	
8.2. Exposure controls	
Engineering Measures	Provide a good standard of controlled ventilation (10 to 15 air changes per hour).
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.
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Hygiene Measures	Follow general hygiene considerations recognized as common good workplace
	practices. The worker should wash daily at the end of each work shift, and prior to
	eating, drinking, smoking, etc.
Environmental Exposure	Dispose of in accordance with local regulations.
Controls	Dispose of in accordance with local regulations.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties Appearance: Physical State Solid Color White

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Odor Odor Threshold pH: Melting point / Freezing point Boiling Point Freezing Point Flash Point Evaporation Rate Flammability (solid, gas) Upper flammability limit: Lower flammability limit: Vapor Pressure Vapor Density	Odorless No information available 8.4 - 10.2 5% Water suspension Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable
Vapor Density	Not applicable
Density Relative Density	No data available 2.7 g/cm3 @ 20°C
Water Solubility	0.01 g/l (Practically insoluble) @ 20°C
Solubility in other solvents	No information available
Partition coefficient	Not applicable
Autoignition Temperature	Not applicable
Decomposition Temperature	1292 - 1652 °F (700 - 900 °C)
Viscosity Kinematic viscosity	Not applicable. Not applicable
Explosive Properties	Not applicable
Oxidizing Properties	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 reactions	No specific hazard known
10.4. Conditions to avoid	Incompatible materials
10.5. Incompatible materials	Strong acids
10.6. Hazardous decomposition products	None known

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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	
<u>Crystalline Silica, quartz (impuri</u> LD50s and LC50s Oral LD50	ty) 500 mg/kg Oral LD50 Rat 500 mg/kg Rat Mouse	
ACGIH IARC	Group 2A - Probably Carcinogenic to Humans Group 1 - Carcinogenic to Humans	
Acute Toxicity	Users are advised to consider national Occupational Exposure Limits or other equivalent values	
Chronic Toxicity	Potential occupational carcinogen.	
Chronic Effects	Extended inhalation at levels above the workplace limit value can cause irreversible damage to the lungs (silicosis).	
Respiratory Sensitization	Based on available data, the classification criteria are not met.	
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.	
Reproductive Effects	Based on available data, the classification criteria are not met.	
Carcinogenicity	Crystalline silica (quartz) has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1).	
Target Organ Effects	Respiratory system.	
Specific target organ toxicity - Single exposure	No information available.	
Specific target organ toxicity -	May cause damage to organs through prolonged or repeated exposure if inhaled.	

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Repeated exposure		Lungs.
Information on Like	ly 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		Prolonged or repeated contact may dry skin and cause irritation
Eyes		Avoid contact with eyes Dust contact with the eyes can lead to mechanical irritation
Aspiration hazar	ď	Not an expected route of exposure.
Symptoms relate physical, chemic toxicological cha	cal 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. 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 Not readily biodegradable. **degradability**

12.3. Bioaccumulative potential None.

Partition coefficient Not applicable

Bioconcentration factor	Not available.
(BCF)	

12.4. Mobility in soil None.

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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 Methods	Disposal should be in accordance with applicable regional, national and local laws 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
<u>Limestone</u> European Waste Catalog WGK Classification (AwSV) Crystalline Silica, guartz (impur	10130414 317 WGK: nwg itv)

Crystalline Silica, quartz (impurity) WGK Classification (AwSV) 849 WGK: nwg

SECTION 14: Transport information

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

TDG -Canada	Not regulated
DOT	Not regulated
ΙΑΤΑ	Not regulated
IMDG/IMO	Not regulated
ICAO	Not regulated

- 14.2. UN proper shipping name None
- 14.3. Transport hazard class(es) None
- 14.4. Packing group None
- **14.5. Environmental hazards** No

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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	Y	Y	Y	Υ	А
Crystalline Silica, quartz (impurity)	14808-60- 7	238-878-4	Exempt	Y	Y	Y	(1)-548(EN CS)(ISHL)	KE-29983	Y	Y	Y	Y	A

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

US Federal Regulations

<u>EPA</u>

SARA 311/312 Hazardous Categorization

Acute health hazard Chronic health hazard

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	Y	sn 4001	Y
Crystalline Silica, quartz (impurity)	14808-60-7	Y	Y	Y	sn 1660	Y

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.



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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
Prepared by	Huber Engineered Materials (HEM) Global Regulatory Affairs regulatory.affairs@huber.com
Issue Date Print Date	01/Jul/2024 01/Jul/2024
Revision Number	1.3.1
Reason for Version	OSHA (Occupational Safety and Health Administration of the US Department of Labor).
Training Advice	Do not handle until all safety precautions have been read and understood.
Abbreviations and acronyms	 IARC (International Agency for Research on Cancer) 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) CAO (International Civil Aviation Organization) IMDG (International Maritime Dangerous Goods) ADR (European Agreement Concerning the International Carriage of Dangerous Goods by Road) RDR (Superfund Amendments and Reauthorization Act of 1986) TSCA (Toxic Substances Control Act)
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text

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