Safety Data Sheet



HuberPureTM 10-20 NSF

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: HuberPure™ 10-20 NSF

Pure substance/mixture Substance

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

Recommended Use Filler Functional additive

Uses advised against None known.

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

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

Physical Hazards Not classified

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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

Storage Store locked up

Disposal Dispose of contents/containers in accordance with local regulations

Additional Information: Not applicable.

 $\textbf{Hazards not otherwise classified} \ None \ known.$

(HNOC)

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SECTION 3: Composition/information on ingredients

Pure substance/mixture Substance

Chemical Name	CAS Number	TSCA: United States	Canada (DSL)	Mexico	EU REACH registration number	OSHA Regulatory Status	WHMIS	Weight-%
Limestone	1317-65-3	Α	Y (NDSL)	Y	Exempt	Not classified	H350; H372	97 - 100
Crystalline Silica, quartz (impurity)	14808-60-7	Α	Y	Y	Exempt	Carcinogenicity category 1A	H350; H372	0.2 - 2

Legend

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

SECTION 4: First aid measures

4.1. Description of first aid measures

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

Rinse mouth thoroughly with water. Ingestion

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.

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

Media

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

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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

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

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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

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

Canada 10 mg/m^3 Canada - British Columbia - OEL- 20 mg/m^3

STELs

Crystalline Silica, quartz (impurity)

OSHA TWA: 0.05 mg/m³

OSHA Action level: 0.025 mg/m³
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

Designated Substances IARC Category 1 - Human Carcinogen

Canada - Ontario - OEL - TWA EVs 0.10 mg/m³

Canada - Manitoba - OEL - TWA

Canada - Nova Scotia - OEL - TWA

Canada - Prince Edward Island - OEL - 0.025 mg/m³ TWA (respirable fraction)

Canada - Prince Edward Island - OEL - 0.025 mg/m³ TWA (respirable fraction)

TWA

Mexico Mexican Carcinogen Category: A2 (Suspected Human Carcinogen)

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

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.

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Thermal hazards None known. Wear suitable protective clothing.

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

Controls

Dispose of in accordance with local regulations.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Solid **Physical State** Color White Odorless Odor

Odor Threshold No information available

8.4 - 10.2 5% Water suspension

Melting point / Freezing point Not applicable Not applicable **Boiling Point** Not applicable **Freezing Point** Not applicable **Flash Point** Not applicable. **Evaporation Rate** Not applicable Flammability (solid, gas)

Upper flammability limit: Lower flammability limit:

Vapor Pressure Not applicable **Vapor Density** Not applicable **Density** No data available 2.7 g/cm3 @ 20°C **Relative Density** 1.3 g/l, 20° C **Water Solubility**

Solubility in other solvents No information available

Partition coefficient Not applicable **Autoignition Temperature** Not applicable

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

Viscosity Not applicable. Kinematic viscosity Not applicable Not applicable **Explosive Properties Oxidizing Properties** Not applicable

No information available **Particle Size**

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

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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 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 500 mg/kg Rat Mouse Oral LD50

ACGIH Group 2A - Probably Carcinogenic to Humans

Group 1 - Carcinogenic to Humans **IARC**

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).

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

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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

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

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

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

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 -

Repeated exposure

May cause damage to organs through prolonged or repeated exposure if inhaled.

Lungs.

Information on Likely Routes of Exposure

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

irreversible damage to the lungs (silicosis)

Ingestion Ingestion is not a likely route of exposure

Prolonged or repeated contact may dry skin and cause irritation 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 toxicological characteristics respiratory tract.

Contact with dust can cause mechanical irritation or drying of the skin. Dust may

cause mechanical irritation to eyes. May cause irritation. Mucous Membrane.

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

Not considered to be harmful to aquatic life 12.1. Toxicity

Limestone

WGK Classification (AwSV) 317 WGK: nwg

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Crystalline Silica, quartz (impurity)

WGK Classification (AwSV) 849 WGK: nwg

12.2. Persistence and

degradability

Not readily biodegradable.

12.3. Bioaccumulative potential None.

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 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

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)

TDG -Canada Not regulated

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DOT Not regulated Not regulated IMDG/IMO Not regulated ICAO Not regulated

14.1. UN number or ID number None

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)	14808-60- 7	238-878-4	Exempt	Y	Y	Y	(1)-548(EN CS)(ISHL)	KE-29983	Y	Y	Y	Υ	А

Legend

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

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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

Legend 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

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Prepared by Huber Engineered Materials (HEM) Global Regulatory Affairs

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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)

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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)

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

End of Safety Data Sheet