




# SAFETY DATA SHEET

Revision Date: 08/28/2020

## SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME</b>	Imasco Calcium Carbonate Sands and Aggregates (#00, #30, 12 Minus)
<b>CHEMICAL NAME</b>	Limestone
<b>PRODUCT USE</b>	Mineral aggregates
<b>COMPANY</b>	Imasco Minerals, Inc. 19287 98A Avenue Surrey, BC CANADA V4N 4C8
<b>EMERGENCY TELEPHONE</b>	604-888-3848 (8am to 5pm weekdays)
<b>WEBSITE</b>	<a href="http://www.imascominerals.com">www.imascominerals.com</a>
<b>EMAIL</b>	Imasco@imascominerals.com

## SECTION 2 HAZARD IDENTIFICATION

<b>GHS-US CLASSIFICATION</b>	Skin Irrit. 2 Eye Irrit. 2B
<b>GHS-US LABELLING</b>	
<b>Hazard Pictogram</b>	
<b>Signal Word</b>	Warning
<b>Hazard Statements</b>	H315 – Causes skin irritation H320 – Causes eye irritation
<b>Precautionary Statements</b>	P261 – Avoid breathing dust P271 – Use only outdoors or in a well-ventilated area P280 – Wear protective gloves, protective clothing, eye protection P308+P313 – If exposed or concerned, get medical advice/attention
<b>Hazards not otherwise classified</b>	None known



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## Supplemental Information

Not considered a carcinogen. Contains less than 0.1% crystalline silica, which is below the threshold for NTP, OSHA, Group 1 carcinogen by IARC, A2 by ACGIH

## Unknown Acute Toxicity

No data available

## SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS	CONCENTRATION (%w/w)
Limestone	1317-65-3	>99.9%
Crystalline Silica, quartz (impurity)	14808-60-7	<0.1%

## SECTION 4 FIRST AID MEASURES

### GENERAL ADVICE

If in doubt, or if symptoms persist, seek medical attention.

### EYE CONTACT

Hold eyelids apart and flush eyes with a steady, gentle stream of water for several minutes.

### SKIN CONTACT

Wash skin with soap and water.

### INGESTION

Rinse mouth with water. Do not induce vomiting.

### INHALATION

Move person to fresh air.

## SECTION 5 FIREFIGHTING MEASURES

NFPA	Health 1	Flammability 0	Reactivity 0	PPE: E
HMIS	Health 1	Flammability 0	Physical hazard 0	

### SUITABLE EXTINGUISHING MEDIA

Non-combustible. All extinguishing media can be used. Use media appropriate for the surrounding fire.

### UNSUITABLE EXTINGUISHING MEDIA

None

### SPECIAL EXPOSURE HAZARDS

None

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Firefighters should wear protective clothing and use equipment that is suitable for the materials involved in the surrounding fire.



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## SECTION 6 ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PRECAUTIONS</b>	Avoid contact with skin and eyes. Wear suitable personal protective equipment. Avoid inhalation of dust.
<b>POTENTIAL ENVIRONMENTAL EFFECTS</b>	Not considered harmful to aquatic life.
<b>CLEANUP METHODS</b>	Pick up mechanically and/ or by rinsing with water. Avoid dry sweeping and use a misting system or exhaust ventilation to prevent dust generation.

## SECTION 7 HANDLING AND STORAGE

<b>HANDLING</b>	Avoid dust generation. Provide appropriate ventilation where dust is formed. In case of insufficient ventilation, wear suitable respiratory PPE.
<b>STORAGE</b>	Store in a dry area. Keep containers closed and protected from physical damage.

## SECTION 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

### EXPOSURE CONTROLS

<b>ENGINEERING CONTROLS</b>	Use mechanical ventilation (dilution and exhaust) to control exposure.
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<b>NUISANCE PARTICLES/ NUISANCE DUST</b>	ACGIH: 10 mg/ m <sup>3</sup> (total dust), 3 mg/ m <sup>3</sup> (respirable fraction) OSHA PEL: 15 mg/ m <sup>3</sup> (total dust), 5 mg/ m <sup>3</sup> (respirable fraction)
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### PERSONAL PROTECTIVE EQUIPMENT

<b>Eye Protection</b>	Safety glasses with side shields
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<b>Skin and Body Protection</b>	Use suitable protective clothing, gloves and footwear, considering conditions and exposure
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<b>Hand Protection</b>	Impervious gloves: chemical-resistant EN 420
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## Respiratory Protection

In case of exposure to high levels of airborne dust, wear a respirator EN 149, P2 half mask. Use NIOSH/ MSHA approved respiratory protection equipment when airborne exposure exceeds established guidelines.

## Hygiene Measures

Handle in accordance with good industrial hygiene and safety practices.

## POTENTIAL ENVIROMENTAL EFFECTS

Not considered to be harmful to aquatic life

## CONTROL PARAMETERS

### Limestone (1317-65-3)

OSHA - TWA	15 mg/ m <sup>3</sup> (total dust) 5 mg/ m <sup>3</sup> (respirable fraction)
Canada - Alberta - OEL - TWA	10 mg/ m <sup>3</sup>
Canada - British Columbia - OELs - STELs	20 mg/ m <sup>3</sup>

### Crystalline Silica, as quartz impurity (14808-60-7)

OSHA - TWA	(10 mg/ m <sup>3</sup> )/(%SiO <sub>2</sub> + 2) (respirable) (30 mg/ m <sup>3</sup> )/(%SiO <sub>2</sub> + 2) (total dust)
NIOSH - TWAs	0.05 mg/ m <sup>3</sup>
NIOSH - Potential Occupational Carcinogens	Potential occupational carcinogen
Canada - Alberta - OEL - TWA	0.025 mg/ m <sup>3</sup> TWA (respirable particulate)
Canada - British Columbia - OEL - Designated Substances	ACGIH Category A2 - Suspected Human Carcinogen IARC Category 1 - Human Carcinogen
Canada - Manitoba - OEL - TWA	0.025 mg/ m <sup>3</sup> TWA (respirable fraction)
Canada - Nova Scotia - OEL - TWA	0.025 mg/ m <sup>3</sup> TWA (respirable fraction)
Canada – Prince Edward Island - OEL - TWA	0.025 mg/ m <sup>3</sup> TWA (respirable fraction)
Mexico OEL Data - TWA	0.1 mg/ m <sup>3</sup> TWA (respirable fraction)

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

White

### PHYSICAL STATE

Solid, powder

### ODOUR

Odourless

### ODOUR THRESHOLD

No information available

### pH

8.4 to 10.2 (5% suspension in water)



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<b>MELTING POINT</b>	Not applicable
<b>FREEZING POINT</b>	Not applicable
<b>FLASH POINT</b>	Non-combustible
<b>EVAPORATION RATE</b>	Not applicable
<b>FLAMMABILITY</b>	Not applicable
<b>VAPOUR PRESSURE</b>	Not applicable
<b>VAPOUR DENSITY</b>	Not applicable
<b>WATER SOLUBILITY</b>	1.3 g/ L (20 °C)
<b>PARTITION COEFFICIENT (n-octanol/ water)</b>	Not applicable
<b>DECOMPOSITION TEMPERATURE</b>	700 to 900 °C
<b>OXIDIZING PROPERTIES</b>	Not oxidizing

## SECTION 10 STABILITY AND REACTIVITY

<b>STABILITY</b>	Stable under normal conditions
<b>INCOMPATIBLE CONDITIONS</b>	None
<b>INCOMPATIBLE MATERIALS</b>	Strong acids
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	None

## SECTION 11 TOXICOLOGICAL INFORMATION

### NON-CLASSIFIED HAZARDS

<b>Chronic Toxicity</b>	No evidence of mutagenic or reproductive effects
<b>Sensitization</b>	Does not cause sensitization
<b>Eye Irritation</b>	Slightly irritating
<b>Skin Irritation</b>	Dries skin and mucous membranes
<b>Inhalation</b>	Contains <0.1% crystalline silica. Does not pose an immediate hazard at this level. Take precautions against exposure to high levels.



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## Carcinogenicity

This product is not considered a carcinogen. This product contains <0.1% crystalline silica, which is below the threshold for NTP, OSHA, Group 1 carcinogen by IARC, A2 by ACGIH

Limestone (1317-65-3)

LD50 Oral	6450 mg/ kg (rat)
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Crystalline Silica, as quartz impurity (14808-60-7)

IARC – Group 1 dated 1977 LD50 Oral	500 mg/ kg (rat)
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## SECTION 12 ECOLOGICAL INFORMATION

<b>POTENTIAL ENVIRONMENTAL EFFECTS</b>	Not considered to be harmful to aquatic life
<b>ECOTOXICITY</b>	Not expected to be toxic to aquatic life
<b>PERSISTENCE/ DEGRADABILITY</b>	Non-degradable
<b>BIOACCUMULATIVE POTENTIAL</b>	None
<b>MOBILITY</b>	Inert
<b>OTHER ADVERSE EFFECTS</b>	None known

## SECTION 13 DISPOSAL CONSIDERATIONS

<b>WASTE TREATMENT OPTIONS</b>	Dispose of in accordance with local, state/ provincial and national regulations
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## SECTION 14 TRANSPORT INFORMATION

<b>UN-NO.</b>	None
<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>IMDG/ IMO</b>	Not regulated
<b>ICAO</b>	Not regulated



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IATA

Not regulated

RID/ ADR

Not regulated

## SECTION 15 REGULATORY INFORMATION

Chemical Name/ CAS	EC/ REACH	Australia (AICS)	Canada (DSL)	China (IECSC)	Japan (ENCS)	Korea (KECL)	New Zealand (NZIoC)	Philippines (PICCS)	USA (TSCA)	Taiwan (ECN)
Limestone/ 1317-65-3	215-279-6 *	Listed	Listed	Listed	(1)- 122	KE- 21996	Listed	Listed	Listed	Listed
Crystalline Silica, as quartz impurity/ 14808-60-7	238-8784 *	Listed	Listed	Listed	(1)- 548 (ENCS)	KE- 29983	Listed	Listed	Listed	Listed

### Limestone (1317-65-3)

Regulation (EC) 1907/ 2006 : \*Exempt as a naturally-occurring substance

### Crystalline Silica, as quartz impurity (14808-60-7)

\*Exempt. An impurity

USA

#### EPA

**SARA Title III, Sections 301, 304, 311, 312, 313; CERCLA RQ:** This product is not subject to these referenced SARA and CERCLA regulations.

**Clean Water Act:** The components of this product are not regulated under any of the following sections of the Clean Water Act (Section 307 Priority Pollutants or Section 311 Hazardous Substances). It would be regulated under Section 304 Water Quality Criteria Substances for suspended solids.

**Clean Air Act:** The components of this product are not regulated under any of the following sections [Section 112 Hazardous Air Pollutants, Section 112 Statutory Air Pollutants, Section 112 High-Risk Pollutants, Section 112(r) Accidental Release Prevention Substances or Section 602 Ozone Depleting Substances]. As a powder product, it is regulated under Section 109 Criteria Pollutant particulates.

States Right-to-Know (RTK)



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**California Proposition 65:** This product is not known to contain a chemical at a level that is expected to pose significant risk under anticipated use conditions.

**CONEG:** The heavy metals defined in CONEG are not intentionally introduced to this product and with respect to heavy metals, lead and arsenic, are less than 100 ppm.

Canada

**WHMIS:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

## SECTION 16 OTHER INFORMATION

### TRAINING ADVICE

Personnel handling the substance(s) named in this SDS should be skilled and trained in areas associated with the key points indicated herein.

Personnel should have training and access to appropriate PPE for handling this product.

Personnel handling the substance(s) named in this SDS are responsible for ensuring that appropriate precautions are taken and for satisfying themselves that the data is suitable and sufficient for the intended purpose of the substance(s).

If additional information is needed, please contact the supplier or an OHS expert.

**PREPARED BY:** Technical Department, Imasco Minerals Inc.

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**END OF DATA SHEET**