




SAFETY DATA SHEET

Revision Date: 01/10/2024

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Imasco Calcium Carbonate Sands and Aggregates (#00, #30, 12 Minus, 30X140, 40X200)
CHEMICAL NAME	Limestone
PRODUCT USE	Mineral aggregates
COMPANY	Imasco Minerals, Inc. 19287 98A Avenue Surrey, BC CANADA V4N 4C8 604-888-3848 (8am to 5pm weekdays)
EMERGENCY TELEPHONE	
WEBSITE	www.imascominerals.com
EMAIL	Imasco@imascominerals.com

SECTION 2 HAZARD IDENTIFICATION

GHS-US CLASSIFICATION	Skin Irrit. 2 Eye Irrit. 2B
GHS-US LABELLING	
Hazard Pictogram	
Signal Word	Warning
Hazard Statements	H315 – Causes skin irritation H320 – Causes eye irritation
Precautionary Statements	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
Hazards not otherwise classified	None known



SAFETY DATA SHEET

Revision Date: 08/28/2020

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.



SAFETY DATA SHEET

Revision Date: 08/28/2020

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Avoid contact with skin and eyes. Wear suitable personal protective equipment. Avoid inhalation of dust.
POTENTIAL ENVIRONMENTAL EFFECTS	Not considered harmful to aquatic life.
CLEANUP METHODS	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

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

SECTION 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

EXPOSURE CONTROLS

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

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



SAFETY DATA SHEET

Revision Date: 08/28/2020

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

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

OSHA - TWA	(10 mg/ m ³)/(%SiO ₂ + 2) (respirable) (30 mg/ m ³)/(%SiO ₂ + 2) (total dust)
NIOSH - TWAs	0.05 mg/ m ³
NIOSH - Potential Occupational Carcinogens	Potential occupational carcinogen
Canada - Alberta - OEL - TWA	0.025 mg/ m ³ 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 ³ TWA (respirable fraction)
Canada - Nova Scotia - OEL - TWA	0.025 mg/ m ³ TWA (respirable fraction)
Canada – Prince Edward Island - OEL - TWA	0.025 mg/ m ³ TWA (respirable fraction)
Mexico OEL Data - TWA	0.1 mg/ m ³ 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)



SAFETY DATA SHEET

Revision Date: 08/28/2020

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

SECTION 10 STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions
INCOMPATIBLE CONDITIONS	None
INCOMPATIBLE MATERIALS	Strong acids
HAZARDOUS DECOMPOSITION PRODUCTS	None

SECTION 11 TOXICOLOGICAL INFORMATION

NON-CLASSIFIED HAZARDS

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



SAFETY DATA SHEET

Revision Date: 08/28/2020

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

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

SECTION 13 DISPOSAL CONSIDERATIONS

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

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



SAFETY DATA SHEET

Revision Date: 08/28/2020

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)



SAFETY DATA SHEET

Revision Date: 08/28/2020

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