SAFETY DATA SHEET

PIVIT Pea GravL™

SECTION 1: IDENTIFICATION

1.1. Product identifier

Trade name: PIVIT Pea GravL™

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

Relevant identified uses of the substance or mixture: Refer to the product data sheet for specific uses.
For private use

Uses advised against : None known.

1.3. Details of the supplier of the safety data sheet

Company and address:
Stubbe's Premix
738 Alyea Street
N4S 7W3 Woodstock
Canada
1-866-355-2183
www.stubbes.com

Contact person: Stubbe's Premix

E-mail: sds@stubbes.org

SDS date: 2026-01-19

SDS Version: 1.0

1.4. Emergency telephone number

1-800-494-9300 (CHEMTREC-Canada & USA)

SECTION 2: HAZARD(S) IDENTIFICATION

Classified as hazardous according to Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272).

2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.
Eye Irrit. 2; H319, Causes serious eye irritation.
Carc. 1A; H350i, May cause cancer by inhalation.
STOT RE 1; H372, Causes damage to organs through prolonged or repeated exposure.

2.2. Label elements

Hazard pictogram(s):



Signal word: Danger

Hazard statement(s):
Causes skin irritation. (H315)
Causes serious eye irritation. (H319)
May cause cancer by inhalation. (H350i)
Causes damage to organs through prolonged or repeated exposure. (H372)

Precautionary statement(s):

General:
If medical advice is needed, have product container or label at hand. (P101)
Keep out of reach of children. (P102)

Prevention:
Obtain special instructions before use. (P201)
Do not breathe dust. (P260)
Wash hands thoroughly after handling. (P264)
Do not eat, drink or smoke when using this product. (P270)
Wear eye protection/protective gloves. (P280)

Response:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
IF exposed or concerned: Get medical advice/attention. (P308+P313)
Get medical advice/attention if you feel unwell. (P314)
If eye irritation persists: Get medical advice/attention. (P337+P313)

Storage: Store locked up. (P405)

Disposal:
Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances: Quartz (Crystalline Silica)

Additional labelling: Industrial use only.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note

Limestone	CAS No.: 1317-65-3	45-70%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	[19]
Quartz (Crystalline Silica)	CAS No.: 14808-60-7	30-60%	Carc. 1A, H350i STOT RE 1, H372 (Inhalation)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST-AID MEASURES

4.1. Description of first aid measures

General information: Keeping aggregate in a damp state as packaged eliminates inhalation hazards associated with dust.

Inhalation: Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact: Wash with water and soap. If skin irritation occurs: Get medical advice/attention.

Eye contact: Flush eyes with water for at least 5 minutes. Remove contact lenses. If eye irritation occurs: Get medical advice/attention.

Ingestion: Rinse mouth. Get medical advice/attention if you feel unwell or are concerned.

Burns: Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

Inhaling high concentrations of dust can cause shortness of breath sneezing and coughing. Prolonged or repeated inhalation of respirable crystalline silica can cause silicosis and may cause cancer.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:
Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media
Use extinguishing media suitable to the fire conditions. Aggregate is not flammable or combustible.

5.2. Special hazards arising from the substance or mixture
Product is not flammable or combustible.

5.3. Advice for firefighters
No specific advice is required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Contaminated areas may be slippery.

6.2. Environmental precautions
Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up
Limit spillage, sweep up and shovel into appropriate containers for disposal. Store in suitable, closed containers for disposal.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections
See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Avoid raising dust by keeping aggregate in a damp state. Wash hands and exposed skin with water and soap after handling. Smoking, drinking and consumption of food is not allowed in the work area. See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities
Store in manner that minimizes the generation of airborne dust.

Recommended storage material:	Always store in containers of the same material as the original container.
Storage conditions:	No specific requirements.
Incompatible materials:	Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

ALBERTA

Limestone
Long term exposure limit (8 hours) (mg/m^3): 10
Annotations:
3 = Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.

Quartz (Crystalline Silica)
Long term exposure limit (8 hours) (mg/m^3): 0.025
Annotations:
A2 = Quartz (Crystalline Silica) is a suspected human carcinogen.

Occupational Health and Safety Code 2009 Order, Alta Reg 87/2009 (revised in 2018)

BRITISH COLUMBIA
Limestone
Time-Weighted Average Limit (TWA): 10 mg/m^3
Short-Term Exposure Limit (STEL) / Ceiling Limit (C): 20 mg/m^3
Annotations:
N = The 8-hour TWA is for the total dust. The substance also has an 8-hour TWA of 3 mg/m^3 for the respirable fraction.
Quartz (Crystalline Silica)
Time-Weighted Average Limit (TWA): 0.025 mg/m^3
OHS Regulation Part 5: Chemical Agents and Biological Agents.

ONTARIO
Quartz (Crystalline Silica)
Time-Weighted Average Limit (TWA): 0.10 mg/m^3
Annotations:
(R) = Respirable fraction.
Regulation 833 (Control of Exposure to Biological or Chemical Agents) and Ontario Regulation 490/09 (Designated Substances)

QUEBEC
Limestone
Long term exposure limit (8 hours) (mg/m^3): 10
Annotations:
Td = Total dust.

Note 1= The standard corresponds to dust containing no asbestos and the percentage in crystalline silica is less than 1%.
Quartz (Crystalline Silica)
Long term exposure limit (8 hours) (mg/m^3): 0.1
Annotations:
EM = Exposure must be reduced to a minimum in accordance with section 42.
Rd = Respirable dust.
Regulation respecting occupational health and safety (Chapter S-2.1, r. 13)

SASKATCHEWAN
Limestone
Long term exposure limit (8 hours) (mg/m^3): 10
Short term exposure limit (15 minutes) (mg/m^3): 20
Quartz (Crystalline Silica)
Long term exposure limit (8 hours) (mg/m^3): 0.05
Annotations:
T20 = Substance is also included in Table 20 of The Occupational Health and Safety Regulations and subject to Sections 306 and 311
The Occupational Health and Safety Regulations, 2020, Chapter S15.1 Reg 10.

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:	If possible, avoid working processes where respiratory quartz dust may be developed. Smoking, drinking and consumption of food is not allowed in the work area.
Exposure scenarios:	There are no exposure scenarios implemented for this product.
Exposure limits:	Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.
Appropriate technical measures:	Do not recirculate outlet air that contain the substances. Apply standard precautions during use of the product. Avoid inhalation of gas or dust. Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and showers are clearly marked.
Hygiene measures:	Take off contaminated clothing and wash it before reuse.
Measures to avoid environmental exposure:	Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally: No specific requirements.

Respiratory Equipment:
An approved respirator with a rating of N95 or higher, must be available in case of accidental releases or when exposure limits are exceeded. Consult with the manufacturer of the respirator to determine the proper respirator along with the uses and limitations. A respiratory protection program that meets the regulatory requirements, such as Canadian Standards Association (CSA) Standard Z94.4, should be followed whenever workplace conditions warrant the use of a respirator.

Skin protection:
Wear suitable protective clothing.

Hand protection:
Use hand protection as required.

Eye protection:
Wear approved safety glasses with side shields. Contact lenses should not be worn.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Granulate
Colour:	No data available.
Odour:	None
Odour threshold (ppm):	No data available.
pH:	No data available.
Density (g/cm^3):	2.6-2.8
Kinematic viscosity:	Does not apply to solids.
Particle characteristics:	No data available.

Phase changes

Melting point/Freezing point (°C):	Not applicable
Softening point/range (°F):	Does not apply to solids.
Boiling point (°C):	Not applicable
Vapour pressure:	Not applicable - product is a solid
Relative vapour density:	Not applicable - product is a solid
Decomposition temperature (°C):	Not applicable - product is a solid

Data on fire and explosion hazards

Flash point (°C):	Does not apply to solids.
Flammability (°C):	The material is not combustible.
Auto-ignition temperature (°C):	Not applicable - product is a solid

Explosion limits (% v/v):	Not applicable

Solubility

Solubility in water:	Not applicable
n-octanol/water coefficient (LogKow):	No data available.
Solubility in fat (g/L):	No data available.

9.2. Other information

Evaporation rate (n-butylacetate = 100):	Not applicable
Other physical and chemical parameters:	No data available.
Oxidizing properties:	No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
No data available.

10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.

10.3. Possibility of hazardous reactions
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity
Based on available data for the mixture, the classification criteria are not met.

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/irritation
Causes serious eye irritation.

Respiratory sensitisation

Based on available data for the mixture, the classification criteria are not met.

Skin sensitisation

Based on available data for the mixture, the classification criteria are not met.

Germ cell mutagenicity

Based on available data for the mixture, the classification criteria are not met.

Carcinogenicity

May cause cancer by inhalation.

Reproductive toxicity

Based on available data for the mixture, the classification criteria are not met.

STOT-single exposure

Based on available data for the mixture, the classification criteria are not met.

STOT-repeated exposure

Long-term exposure to fine airborne crystalline silica dust may cause silicosis a form of pulmonary fibrosis that can cause shortness of breath, cough and reduced lung function. Particles with diameters less than 1 micrometer are considered most hazardous.

Aspiration hazard

Based on available data for the mixture, the classification criteria are not met.

Long term effects

Carcinogenic effects: This product contains substances considered or proven to be carcinogenic. The carcinogenic effects may be triggered subsequent to exposure through inhalation, skin contact or ingestion.
Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Other information

Quartz (Crystalline Silica) has been classified by IARC as a group 1 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Based on available data for the mixture, the classification criteria are not met.

12.2. Persistence and degradability

Based on available data for the mixture, the classification criteria are not met.

12.3. Bioaccumulative potential

Based on available data for the mixture, the classification criteria are not met.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

None of the components are listed

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
TDG	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to TDG, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Canadian lists

NDSL: Limestone

DSL: Quartz (Crystalline Silica)

15.4. Restrictions for application

No specific requirements.

15.5. Demands for specific education

No specific requirements.

Additional information

Not applicable.

15.7. Chemical safety assessment

No

Sources

Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272)

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H315, Causes skin irritation.
H319, Causes serious eye irritation.
H350i, May cause cancer by inhalation.
H372, Causes damage to organs through prolonged or repeated exposure. (Inhalation)

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ANSI = American National Standards Institute
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
DSL = Domestic Substances List
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
HHNOC = Health Hazards Not Otherwise Classified
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NDSL = Non-domestic substances list
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PHNOC = Physical Hazards Not Otherwise Classified
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
SCL = A specific concentration limit.
SOR = Statutory Orders and Regulations
STEL = Short-term exposure limits
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TDG = Transportation of Dangerous Goods

TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative
WHIMS = Workplace Hazardous Materials Information System

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by WHMIS 2022

The safety data sheet is validated by

Stubbe's Premix

SDS date: 2026-01-19

Other

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A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product.
Information in this safety data sheet cannot be used as a product specification.
Country-language: CA-en