
1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SW 50
Restrictions on Use: For Industrial Use, Agricultural Use and as an Ingredient for Animal Feed

Details of the supplier of the safety data sheet

Supplier Pestell Nutrition
Address 141 Hamilton Rd
New Hamburg, Ontario
Canada, N3A 2H1

Phone 519-662-2877
Email qa@pestell.com

Emergency telephone number (24 hr) Canada: CANUTEC 1 613-996-6666
US: CHEMTREC 1 703-527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: Sand, Powder
Odor: Characteristic of sand or powder
Hazard Summary: No Information Available

GHS Classification

Carcinogenicity: Category 1A
Specific Target Organ: Category 2 (Lungs)
Systematic toxicity – repeated

GHS Label Element

Hazard Pictogram



Signal Word: **DANGER**

Hazard Statements: H350 May cause cancer.
H373 May cause damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

Precautionary Statements: **Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.

P284 [In case of inadequate ventilation] wear respiratory protection.

Response:

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

Storage:

P402 Store in a dry place.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Carcinogenicity:

IARC Group 1: Carcinogenic to Humans

Quartz 14808-60-7

NTP The NTP's report on Carcinogens lists crystalline silica (respirable size) as a known human carcinogen

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Typical Composition
Limestone	1317 65 3	90 – 100%
Silica, Quartz	14808-60-7	0.5 - 1.5%

4. FIRST AID MEASURES

If Inhaled:	Move to fresh air in case of accidental inhalation of dust. If symptoms persist, call a physician.
In case of skin contact:	Wash with water. Apply common skin moisturizers to relieve dryness
In case of eye contact:	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
If swallowed	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous combustion products	No hazardous combustion products are known
Further information	The product itself is not flammable
Special protective equipment for fire-fighters	Fire-Fighters should wear appropriate protective equipment to fight the surrounding fire

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Avoid dust formation. Wear suitable protective equipment.
Environmental Precautions:	No special environmental precautions required. Avoid dispersal of spilled material
Methods and materials for containment and cleaning up	Sweep up and Shovel. Avoid creating dusty conditions. Prevent wind dispersal.

7. HANDLING AND STORAGE

Advice on protection against fire and Explosion.	The material is non-flammable
Advice on safe handling	Good housekeeping and environmental controls are important to prevent accumulation of dust in the work area. Avoid generating dust. The use of compressed air for cleaning clothing and equipment is not recommended. Handle open containers with care.
Conditions for safe storage:	Store in a dry place.
Materials to avoid:	Do not store near acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients	CAS-No.	Value Type (Form of Exposure)	Control Parameters / Permissible Concentration
Limestone	1317-65-3	TWA (Total Dust) TWA (Respirable Dust)	10 mg/m ³ inhalable (PNOS) 3 mg/m ³ respirable (PNOS)
Silica, Quartz	14808-60-7	TWA (Total Dust) TWA (Respirable Dust) TWA (Respirable Dust)	30 mg/m ³ / % SiO ₂ +2 10 mg/m ³ / % SiO ₂ +2 250 mppcf / % SiO ₂ +5

Personal Protective Equipment

Respiratory protection:	Particulate mask suitable for exposures in working environment.
Hand protection:	Gloves can be worn if dryness is a problem, but are not required.
Skin protection:	Gloves or protective clothing can be worn if dryness is a problem, but are not required.
Eye protection:	Safety Glasses if user operation generates excessive dust.
Hygiene measures:	General Industrial Hygiene.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Sand, Powder
Colour:	White
Odor:	None.
Boiling Point	Not Applicable.
Flash Point:	Does not Flash.
Flammability (Solid, Gas):	The Product is not flammable.
Lower Explosion Limit:	No data available
Vapor Pressure:	Not Applicable.
Density:	2.6 – 2.8 g/cm ³
Decomposition Temperature:	>600°C
Explosive Properties:	Not Explosive.
Freezing Point:	No data available
pH	No data available

10. STABILITY AND REACTIVITY

Reactivity:	Stable under recommended storage conditions.
Chemical Stability:	No decomposition if stored under normal conditions.
Possibilities of Hazardous Reactions:	Reacts with acids. It forms carbon dioxide (CO ₂). This displaces oxygen in the air in closed spaces. (Danger of suffocation).
Conditions to Avoid:	No data available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Not Classified
Skin corrosion / irritation	Not Classified
Serious eye damage / irritation	Not Classified
Respiratory or skin sensitization	Not Classified
Germ cell mutagenicity	Not Classified

Carcinogenicity	May cause cancer (inhalation)
Quartz (14808-60-7)	
IARC group	1 Carcinogenic to Humans

Reproductive toxicity (single exposure)	Not Classified
Specific target organ toxicity (repeated exposure)	Not Classified
Aspiration hazard	Not Classified
Symptoms/injuries after inhalation	May cause irritation to the respiratory tract
Symptoms/injuries after skin contact	Repeated and/or prolonged skin contact may cause irritation or dryness
Symptoms/injuries after eye contact	May cause eye irritation

12. ECOLOGICAL INFORMATION

Toxicity

Ecology - General	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects to the environment.
Persistence and Degradability:	No additional information available
Bio accumulative potential:	No bioaccumulation.
Mobility in Soil:	No data available.
Effects on ozone layer:	No data available.
Effects on global warming	No known ecological damage caused by this product.

13. DISPOSAL CONSIDERATIONS

Waste disposal recommendations

Dispose in a safe manner in accordance with local/national regulations.

14. TRANSPORT INFORMATION

NAERG

Not Applicable

UN / IMDG / IATA / DOT / TDG

Not Regulated

15. REGULATORY INFORMATION

Domestic Substances List

Ground Limestone as well as its impurities are "substances occurring in nature" and considered to be on the Canadian Domestic Substances List.

Toxic Substances Control Act.

Limestone CAS# 1317 -65-3 is listed on the U.S. EPA TSCA inventory.

OSHA Hazards.

Carcinogen.

16. OTHER INFORMATION

Hazardous Material Information System (USA)

HMIS Rating

HEALTH	1*
FIRE HAZARD	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Pestell Nutrition and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

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