

SECTION 1 - IDENTIFICATION

Trade name: Pargex

Application / Use: Parging mix.

Supplier: adexSYSTEMS
 HEBERTVILLE-STATION PLANT
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SECTION 2 - HAZARDS IDENTIFICATION

GHS Classification

Carcinogenicity: Category 1A
 Eye damage: Category 1
 Skin corrosion: Category 1C
 Specific target organ toxicity: Category 1 - Repeated exposure

Hazard pictogram:



Signal word: DANGER

Hazard statements: H314 Causes severe skin burns and eye damage.
 H350 May cause cancer.
 H372 Causes damage to organs (lungs) through prolonged or repeated exposure (inhalation).

Precautionary statements: 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, vapours, spray.
 P264 Wash hands, nails and face thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves, protective clothing, eye protection, face protection.
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+P361+P353 IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water.
 P363 Wash contaminated clothing before reuse.
 P304+P340+P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a doctor.



P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove any contact lenses, if present and it is easy to do. Continue rinsing.
P308+P313+P314 If exposed or concerned, or if you feel unwell, get medical attention.
P405 Store locked up.
P501 Dispose of contents and container in accordance with local authority requirements.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

DANGEROUS INGREDIENTS	CAS NUMBER	CONCENTRATION (%weight/weight)
Crystalline silica, Quartz	14808-60-7	30 - 60
Aluminum oxide	1344-28-1	7 - 13
Calcium carbonate	1317-65-3	7 - 13
Portland cement	65997-15-1	10 - 30
Calcium hydroxide	1305-62-0	1 - 5
Calcium oxide	1305-78-8	1 - 5
Magnesium oxide	1309-48-4	1 - 5
Iron trioxide	1309-37-1	7 - 13
Potassium oxide	12136-45-7	1 - 5

SECTION 4 - FIRST AID MEASURES

Inhalation: Move person to fresh air and keep at rest in a position comfortable for breathing. Consult a physician if you feel unwell. Inhalation of large amounts of cement requires immediate medical attention. Seek medical help if coughing or other symptoms persist. May cause respiratory irritation. Call a poison center or physician.

Skin contact: Quickly remove all contaminated clothing and immediately wash skin thoroughly with water. Seek medical attention for rashes, burns, irritation, dermatitis and prolonged unprotected exposure to wet cement, cement mixtures or liquids from wet cement. Cement causes skin burns. Chemical burns must be treated promptly by a physician. Consult a physician if irritation develops and persists.

Eye contact: Immediately flush eyes with running water for 15 minutes while holding eyelids open. Remove any contact lenses, if present and it is easy to do. If irritation persists, rinse again. Chemical burns must be treated promptly by a physician, as they can cause serious eye damage. Get medical attention immediately.

Ingestion: Have victim rinse mouth thoroughly with water. Do not induce vomiting. Consult a physician immediately.
May cause burns to mouth, throat and stomach.

SECTION 5 - FIRE FIGHTING MEASURES

- Extinguishing media:** Use carbon dioxide, chemical powder agent and appropriate foam to extinguish surrounding products.
- Hazardous combustion products:** Carbon oxides and other irritant/toxic gases and fumes.
- Firefighting instructions:** During a fire, irritating/toxic smoke and fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment and cans exposed to heat and flame.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures:** Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment.
- Environmental precautions:** Avoid discharge into drains, water systems or onto the ground.
- Methods and materials for containment and cleaning up:** Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a filter.

SECTION 7 - HANDLING AND STORAGE**Precautions for safe handling:**

Avoid formation of dust. Do not breathe dust. Use only with adequate ventilation. Wear appropriate protective equipment when working with this product. Wash all body parts that are in contact with product. Do not reuse contaminated clothing. Do not handle until all safety precautions have been read and understood. Keep away from incompatible materials.

Handle in accordance with good industrial hygiene and safety practices.

Conditions for safe storage:

Store in a dry and well-ventilated place. Keep container tightly closed. Store locked up. Store away from incompatible materials.

Protect from humidity and water.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits:

NAME	CAS NUMBER	ACGIH TLV	OSHA PEL
Crystalline silica, Quartz	14808-60-7	TWA (Fraction respirable): 0.025 mg/m ³	TWA (Total dust): 30 mg/m ³ / %SiO ₂ + 2 TWA (Respirable fraction): 250 mppcf / %SiO ₂ + 5 10 mg/m ³ / %SiO ₂ + 2
Portland cement*	65997-15-1	TWA (Fraction respirable): 1 mg/m ³	TWA (Total dust): 15 mg/m ³ TWA (Respirable fraction): 5 mg/m ³
Aluminum oxide	1344-28-1	1 mg/m ³	TWA (Total dust): 15 mg/m ³ TWA (Respirable fraction): 5 mg/m ³
Calcium hydroxide	1305-62-0	5 mg/m ³	TWA (Total dust): 15 mg/m ³ TWA (Respirable fraction): 5 mg/m ³
Calcium oxide	1305-78-8	2 mg/m ³	5 mg/m ³
Magnesium oxide	1309-48-4	10 mg/m ³	15 mg/m ³
Iron trioxide	1309-37-1	5 mg/m ³	10 mg/m ³

* The value is for particulate matter containing no asbestos and <1% crystalline silica.

ACGIH: American Conference of Government Industrial Hygienists.

OSHA: Occupational Safety & Health Administration.

PEL: Permissible Exposure Limits.

TLV: Threshold Limits Value.

TWA: Time Weighted Average.

Mppcf: Millions of Particles Per Cubic Foot of air.

Appropriate engineering controls:

Keep concentration of dust in the air below limits (PEL / TLV).

Ensure adequate ventilation, especially in confined areas.

Make emergency eyewash stations, safety showers, and washing facilities available in work area.



Personal protective equipment:

- Skin protection Wear protective gloves and protective clothing to prevent prolonged or repeated skin contact during all handling operations. Wash hands, nails and face thoroughly after handling. Wash contaminated clothing before reuse.
- Eye / Face protection Wear safety goggles. Wearing contact lenses is not recommended. Wear face shield to prevent dust exposure.
- Respiratory protection Wear suitable respiratory equipment in presence of dust. Consult manufacturer for appropriate respirator selection.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Grey to beige solid
- Odor :** Odourless
- Odor Threshold:** Not available
- pH :** About 11-12
- Boiling point (°C) :** Not available
- Freezing point (°C) :** Not available
- Flash point:** Not available
- Evaporation rate (n-BuAc = 1) :** Not available
- Flammability (solid, gas):** Not available
- Upper/Lower flammability limits:** Not available
- Auto-ignition temperature:** Not available
- Decomposition temperature:** Not available
- Vapor pressure :** Not available
- Vapor density (Air = 1) :** Not available
- Density (g/ml) :** Not available
- Partition coefficient**
(n-octanol/water) : Not available
- Viscosity :** Not available
- Water Solubility (20 °C) :** Mixture

SECTION 10 - STABILITY AND REACTIVITY

- Reactivity:** The product is stable and non-reactive under normal conditions of use.
- Chemical stability:** The product is stable under the recommended storage and handling conditions prescribed.
- Possibility of hazardous reactions:** None known.
- Conditions to avoid:** Unintentional contact with water and humidity.
- Incompatible materials:** Strong oxidizing materials, acids, etc.
- Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 - TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Inhalation:	May cause irritation to the respiratory tract. May cause cancer.
Skin contact:	May cause skin irritation and chemical burn.
Eye contact:	May cause eye irritation and chemical burn.
Ingestion:	May be harmful if ingested.

Acute toxicity

Silica-Crystalline, Quartz: (CAS # 14808-60-7)	Is considered a known human carcinogen. IARC carcinogenic classification: Group 1 (carcinogenic to humans). (International Agency for Research on Cancer) ACGIH carcinogenic classification: A2 (suspected human carcinogen). Also, crystalline silica can cause a lung condition known as silicosis after long term exposure to dusts containing crystalline silica. The use of a correctly fitted NIOSH approved respirator should be used when working with this product. IDLH = 50 mg/m ³ (NIOSH Immediately Dangerous to Life or Health concentration)
Calcium carbonate: (CAS # 1317-65-3)	LD ₅₀ : Rat (Oral) = 6450 mg/kg
Calcium oxide: (CAS # 1305-62-0)	LD ₅₀ : Rat (Oral) = 7340 mg/kg
Portland cement: (CAS # 65997-15-1)	Causes serious eye damage and chemical burns. Causes respiratory tract, skin and eye irritation. IDLH = 5000 mg/m ³ (NIOSH Immediately Dangerous to Life or Health concentration)

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	Not available
Persistence and degradability:	Not available
Bioaccumulative potential:	Not available
Mobility in soil:	Not available
Other adverse effects:	Not available



SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal: Dispose of in accordance with applicable local, provincial and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

Land transport - UN/DOT: Not regulated
Sea transport - IMDG: Not regulated
Air transport - IATA: Not regulated

SECTION 15 - REGULATORY INFORMATION

Canada Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). Refer to Section 3 for ingredients of the DSL (Domestic substance list).

United States OSHA information (Occupational Safety & Health Administration): This product is regulated according to OSHA (29 CFR).
TSCA information (Toxic Substances Control Act): Refer to the ingredients listed in Section 3.

SECTION 16 - OTHER INFORMATION

The information provided on this SDS is correct to the best of our knowledge. Because some of the information used to prepare this document is derived from information provided from our suppliers, and because we have no control over the conditions of handling and use, we assume no responsibility and disclaim all liability for any harmful effects that may be caused by purchase, resale, use or exposure to our product. Customers and users must comply with all applicable health and safety laws, regulations, and orders. All materials may present unknown hazards and should be used with caution.

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