



MSDS - Calcium Propionate

November 24, 2008

Product Information

Synonyms: Propionic Acid, Calcium Salt
CAS #: 4075-81-4; UE8450000

Distributed By: Pestell Minerals & Ingredients, New Hamburg, ON
24 Hour Emergency: Canutec – 1-613-996-6666

Section 1. Physical and Chemical Properties

Physical State:	Solid
Color:	White
Odor:	Not available
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting:	>300 deg. C
Autoignition Temp.	Not available
Flash Point:	Not available
Explosion Limit:	Not available (upper and lower)
Solubility in Water:	1 g/10 ml water
Molecular Formula:	C ₆ H ₁₀ CaO ₄
Molecular Weight:	186.22

Section 2. Stability/Reactivity

Chemical Stability: Stable under normal temperatures and pressures
Conditions to Avoid: Incompatible materials, moisture
Incompatibility: Strong oxidizing agents
Hazardous Decomposition Materials: Carbon monoxide, carbon dioxide

Section 3. Health Hazard Data

Eyes:	Contact may cause transient irritation
Skin:	Low hazard for usual industrial handling
Ingestion:	Expected to be a low ingestion hazard
Inhalation:	Low hazard for usual industrial handling

Chronic: Not available

Section 4. First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion: Get medical aid. Wash mouth out with water.
Inhalation: Remove from exposure and move to fresh air immediately.

Section 5. Preventative Measures

General:

As in any fire, wear self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion.

Extinguishing Media

Use water spray, dry chemical or carbon dioxide

Section 6. Spills and Leaks

Vacuum or sweep up material and place into a suitable disposal container. Provide ventilation. Dispose of in a manner consistent with federal, state and local regulations.

Section 7. Handling and Storage

Avoid breathing dust, vapor mist or gas. Avoid contact with eyes, skin and clothing. Store in a cool, dry place. Store in a tightly closed container.

Section 8. Engineering Controls

Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

Toxicological Information

LD50/LC50: CAS# 4075-81-4: Oral, mouse:
LD50 = 2350 mg/kg;
Oral, rat: LD50 = 3920 mg/kg

Carcinogenicity: Calcium Propionate, 98% (TITR., ON DRY BASIS) – Not listed by ACGIH, IARC, or NTP

Shipping Information

Hazard Symbols: Not available

Safety Phrases: S 24/25 Avoid contact with skin and eyes

Canada

CAS#4075-81-4 is listed on Canada's DSL list

CAS#4075-81-4 is not listed on Canada's Ingredient Disclosure list

CAS#4075-81-4 is listed on the TSCA inventory