

Solu-Cal USA

ltd

Granular fertilizer

Material Safety Data Sheet

Page 1 of 3

Section 1 Identification and Use of Product	
PRODUCT	<input type="checkbox"/> Solucal
USE OF PRODUCT	<input type="checkbox"/> GRANULAR FERTILIZER
CHEMICAL EQUIVALENT	<input type="checkbox"/> N/A
CHEMICAL FAMILY	<input type="checkbox"/> N/A
FORMULA: 0-0-0	<input type="checkbox"/> C.A.S. NO. <input type="checkbox"/> N/A

Manufactured by
Fertichem Inc.
560 Rhéaume Road,
St-Michel (Québec) Canada
J0L 2J0
(450) 454-7521
info@fertichem.ca

Section 2 INGREDIENTS / COMPOSITIONS				
INGREDIENTS :	C.A.S No	Guaranteed minimum analysis		
		Total Nitrogen (%)	Actual Phosphoric Acid (%)	Soluble Potash (%)
▪ Pelletized Lime	17069-72-6	0	0	0

Section 3 PHYSICAL PROPERTY INFORMATION		
BOILING POINT (0° C) <input type="checkbox"/> N/A	MELTING POINT (0° C) <input type="checkbox"/> N/A	VAPOR PRESSURE (mmHg) <input type="checkbox"/> N/A
SPECIFIC GRAVITY (H ₂ O) <input type="checkbox"/> N/A	VOLATILES BY VOLUME (%) <input type="checkbox"/> N/A	VAPOR DENSITY (AIR = 1) <input type="checkbox"/> N/A
SOLUBILITY IN WATER <input type="checkbox"/> Partially Soluble	EVAPORATION RATE (Butyl Acetate = 1) <input type="checkbox"/> N/A	MOLECULAR WEIGHT <input type="checkbox"/> N/A
PHYSICAL STATE <input type="checkbox"/> Solid	DENSITY ▶ 70 lb/pi ³	pH <input type="checkbox"/> N/A
APPEARANCE AND ODOR Brown granules		

Section 4 FIRE AND EXPLOSION HAZARDS DATA	
FLASH POINT N/A	FLAMMABLE LIMIT – VOLUME IN THE AIR (% PER VOL.) Minimal conc. : N/A Maximal conc. : N/A
EXTINGUISHING MEDIA Use media appropriate for surrounding fire and/or materials	
SPECIAL FIRE FIGHTING PROCEDURES Use water spray to cool fire-exposed containers or structures. Use water spray to disperse vapours. Use self-contained breathing apparatus and special protective clothing.	
AUTO IGNITION TEMPERATURE:	N/A °C N/A °F

Section 5		REACTIVITY INFORMATION	
<u>STABILITY</u>		<u>HAZARDOUS POLYMERIZATION</u>	
<input type="checkbox"/> UNSTABLE	<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> May occur	<input checked="" type="checkbox"/> Will not occur
<u>CONDITIONS AND MATERIAL TO AVOID (INCOMPATIBILITY)</u>			
Excessive heat			
<u>HAZARDOUS DECOMPOSITION PRODUCTS</u>			
N/a.			

Section 6	HEALTH DATA
<u>EYE CONTACT :</u>	
May cause irritation.	
<u>SKIN CONTACT :</u>	
May cause a slight irritation.	
<u>INHALATION :</u>	
Dust from this product may irritate nose, throat and respiratory system.	
<u>INGESTION:</u> <i>May cause gastrointestinal upset, abdominal pain and diarrhea.</i>	
<u>MEDICAL ADVICE :</u>	
N.A.	

Section 7	EMERGENCY MEASURES (SPILL OR LEAK)
<u>SMALL SPILLS :</u>	
Pick up and place in a suitable container, using a method which does not generate dust.	
<u>MAJOR SPILLS :</u>	
Contact local government environmental authorities if spill should be reported or if there is a risk of environmental pollution.	
<u>WASTE DISPOSAL METHODS :</u>	REFERENCES
	Material Safety Data Sheets from raw material suppliers

STORAGE AND HANDLING REQUIREMENTS
<u>STORAGE AND HANDLING PRECAUTIONS</u>
Store in a cool, dry area away from water, food and feed.
<u>OTHER PRECAUTIONS</u>
Keep out of reach of children. Users of this product should keep a clean and secure environment.

Section 8	EMERGENCY AND FIRST AID PROCEDURES
<u>EYE CONTACT :</u>	Flush thoroughly with water, including under the eyelids. See a physician if discomfort or irritation persist.
<u>SKIN CONTACT :</u>	Remove contaminated clothing. Wash affected areas thoroughly with soap and water. If irritation persists, obtain medical advice.
<u>INHALATION :</u>	Move the victim to fresh air. Get medical attention if discomfort persists.
<u>INGESTION :</u>	Give large amounts of water and then cause vomiting. See a physician as soon as possible if a large amount of potassium sulphate is swallowed.
<u>MEDICAL ADVICE</u>	N.A.

Section 9	SPECIAL PROTECTION INFORMATION
<u>RESPIRATORY PROTECTION</u>	If dust concentrations exceed recommended exposure limit , use a NIOSH/MSHA approved dust mask.
<u>SKIN PROTECTION</u>	Gloves and protective clothing made from cotton.
<u>EYES PROTECTION</u>	Safety glasses with side shields to prevent eye contact.
<u>OTHER PROTECTIVE EQUIPMENT</u>	No particular recommendations.

Section 10	OTHER INFORMATIONS
Manufactured by:	Fertichem Inc., 560 Rhéaume road, St-Michel, Québec, Canada, J0L 2J0
Tel:	(450) 454-7521
Date:	October 2008

<u>RENUNCIATION</u>
The enclosed information has been based on data drawn from sources deemed to be reliable such as NIOSH, OSHA, ANSI and NFPA. Consequently we offer no warranty of any kind, no authorization or other representation concerning this product, as we have no control over its use by third parties. No responsibility for losses or damages which may result from the use of this product will be assumed by Fertichem Inc.