

Solu-Cal USA

ltd

Granular fertilizer

Material Safety Data Sheet

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Section 1 Identification and Use of Product	
PRODUCT	<input type="checkbox"/> Solucal-S
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.
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Section 2 INGREDIENTS / COMPOSITIONS				
INGREDIENTS :	C.A.S No	Guaranteed minimum analysis		
		Total Nitrogen (%)	Actual Phosphoric Acid (%)	Soluble Potash (%)
▪ Calcium sulfate	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 ▶ 90 lb/pi ³	pH <input type="checkbox"/> N/A	
APPEARANCE AND ODOR Gray - 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
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Date:	October 2008

<u>RENUNCIATION</u>
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