

# Safety Data Sheet

## Schultz 27-0-3 Lawn Fertilizer



<b>1. Identification</b>	
Product identifier	Schultz 27-0-3 Lawn Fertilizer
Product code	1800761
Other means of identification	
Recommended use of the chemical and restrictions on use	Lawn Fertilizer.
Manufacturer	Premier Tech Home & Garden Inc 1, avenue Premier Rivière-du-Loup (Quebec) G5R 6C1 CANADA Tel. (418) 863-7878 <a href="http://www.pthomeandgarden.com">www.pthomeandgarden.com</a>
Emergency phone number	1-800-268-2806

<b>2. Hazard identification</b>	
Summary	Avoid contact with eyes. Do not ingest. If medical advice is needed, have this SDS or label at hand. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved.
WHMIS 2015/GHS/OSHA HCS 2012	
<b>Not Regulated under WHMIS 2015</b>	
P102: Keep out of reach of children. P103: Read label before use.	

<b>3. Composition/information on ingredients</b>		
Common name	CAS	Weight % content
Urea	57-13-6	45 - 70 %
Limestone	1317-65-3	15 - 40 %
Potassium chloride	7447-40-7	3 - 7 %
<b>Note:</b> The manufacturer withholds the actual concentration range of the ingredients as a trade secret. This product is not regulated by WHMIS 2015 (Hazardous Products Regulations) and by OSHA 29 CFR 1910.1200 (OSHA HCS 2012). Components not listed are not hazardous or are below reportable limits.		

<b>4. First-aid measures</b>	
Inhalation	Move person to fresh air. If a problem develops or persists, seek medical attention.
Skin contact	Wash skin with warm water and mild soap. Remove contaminated clothing and wash before reuse. If a problem develops or persists, seek medical attention.
Eye contact	Flush with water for at least 15 minutes. Remove contact lenses if easy to do. Hold eyelids apart to rinse properly. If a problem develops or persists, seek medical attention.

<b>Ingestion</b>	DO NOT induce vomiting, unless recommended by medical personnel. If victim is conscious wash out mouth with water and give 1-2 glasses of water to drink. Never give anything by mouth if victim is unconscious or convulsing. If a problem develops or persists, seek medical attention.
<b>Other</b>	No additional information.
<b>Symptoms</b>	Direct contact with eyes may cause temporary irritation.
<b>Notes to the physician</b>	Apply a symptomatic and supportive treatment.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use an extinguishing agent appropriate for the surrounding fire.
<b>Specific hazards arising from the chemical</b>	No hazard listed.
<b>Special protective equipment</b>	Firefighters must wear self contained breathing apparatus with full face mask.
<b>Special protective actions for fire-fighters</b>	No additional information.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Make sure to wear personal protective equipment mentioned in this Safety Data Sheet.
<b>Environmental precautions</b>	No immediate danger to the environment.
<b>Methods and materials for containment and cleaning up</b>	Ventilate the area well. Scrape and shovel the residue and place in a suitable container. Finish cleaning by rinsing with water contaminated surface.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Use in well ventilated area. Avoid contact with eyes. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved. Keep containers tightly closed when not in use. Do not eat, do not drink and do not smoke during use. Wash thoroughly after handling.
<b>Conditions for safe storage, including any incompatibilities</b>	Store tightly closed and in properly labelled containers in a cool, dry and well ventilated place. Keep away from food and drink. Keep away from moisture.
<b>Storage temperature</b>	<50°C (122°F)

## 8. Exposure controls/personal protection

<b>Immediately Dangerous to Life or Health</b>	No IDLH value is reported.			
Urea	TWA (8h)		10 mg/m <sup>3</sup>	US AIHA
Limestone	STEL	Total Dust	20 mg/m <sup>3</sup>	BC
	TWA (8h)	Total Dust	10 mg/m <sup>3</sup>	ACGIH , BC, ON, RSST
<b>Appropriate engineering controls</b>	Provide sufficient mechanical (general and/or local exhaust) to keep the airborne concentrations of dust below their respective occupational exposure limits.			
<b>Individual protection measures</b>				
<b>Eye</b>	In the workplace, wear safety glasses with side shields. However, goggles are recommended if the product is used in such a way as to generate high dust levels.			

<b>Hands</b>	Not required in normal use. In case of prolonged contact wear neoprene or nitrile gloves. Disposable nitrile gloves can also be used, but discard after single use.
<b>Skin</b>	Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Wear normal work clothing covering arms and legs as required by employer code. If necessary, wear an apron or long-sleeve protective coverall suit.
<b>Respiratory</b>	Respiratory protection is not required for normal use. Where the conditions in the workplace require a respirator, it is necessary to follow a respiratory protection program. Moreover, respiratory protection equipment (RPE) must be selected, fitted, maintained and inspected in accordance with regulations and standard 29 CFR 1910.134 (OSHA), ANSI Z88.2 or CSA Z 94.11 (Canada) and approved by NIOSH/MSHA.
<b>Feet</b>	Not required in normal use.



Safety glasses

## 9. Physical and chemical properties

<b>Physical state</b>	Granular solid	<b>Flammability</b>	Non-flammable
<b>Colour</b>	Multicoloured	<b>Flammability limits</b>	N/Ap.
<b>Odour</b>	Alkaline odor	<b>Flash point</b>	N/Ap.
<b>Odour threshold</b>	N/Av.	<b>Auto-ignition temperature</b>	N/Ap.
<b>pH</b>	>8	<b>Sensibility to electrostatic charges</b>	No
<b>Melting point</b>	N/Av.	<b>Sensibility to sparks and/or friction</b>	No
<b>Freezing point</b>	N/Av.	<b>Vapour density</b>	N/Av. (Air = 1)
<b>Boiling point</b>	N/Av.	<b>Relative density</b>	N/Av. (Water = 1)
<b>Solubility</b>	Partially soluble in water.	<b>Partition coefficient n-octanol/water</b>	N/Av.
<b>Evaporation rate</b>	N/Ap.	<b>Decomposition temperature</b>	N/Av.
<b>Vapour pressure</b>	N/Av.	<b>Viscosity</b>	N/Ap.
<b>Percent Wt. Volatile</b>	N/Av.	<b>Molecular mass</b>	N/Ap.
<b>VOC (g/L)</b>	0 g/L	<b>% Volume Volatile (VOC)</b>	0%
<b>VOC (lb/gal)</b>	0 lb/gal	<b>% Wt. Volatile (VOC)</b>	0%
N/Av.: Not Available    N/Ap.: Not Applicable    Und.: Undetermined    N/E: Not Established			

## 10. Stability and reactivity

<b>Reactivity</b>	No reactivity expected.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions (including polymerizations)</b>	A dangerous reaction will not occur.
<b>Conditions to avoid</b>	Keep away from moisture.

Incompatible materials	Strong acids (e.g. hydrochloric acid, sulfuric acid, phosphoric acid).
Hazardous decomposition products	No decomposition product.

## 11. Toxicological information

Numerical measures of toxicity	Urea	Ingestion	8471 mg/kg	Rat	LD50
		Skin	>21000 mg/kg	Rabbit	LD50
	Limestone	Ingestion	6450 mg/kg	Rat	LD50
	Potassium chloride	Ingestion	2600 mg/kg	Rat	LD50
			1500 mg/kg	Mouse	LD50
		Skin	>2000 mg/kg	Rabbit	LD50
Likely routes of exposure	Skin, eyes, inhalation.				
Delayed, immediate and chronic effects	<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation. Eye Irritation/Corrosion, Rabbit (OECD TG 405): tests performed with each ingredient (>1%) of this mixture are not irritating.			
	<b>Skin contact</b>	Prolonged and repeated contact may cause skin dryness and irritation. Skin Irritation/Corrosion, Rabbit (OECD 404) : tests performed with each ingredient (>1%) of this mixture are not irritating.			
	<b>Inhalation</b>	Dusts may irritate throat and respiratory system and cause coughing.			
	<b>Ingestion</b>	No negative effects expected in small quantities. May cause gastric disturbance.			
	<b>Respiratory or skin sensitization</b>	Ingredients present at levels greater than or equal to 0.1% of this product are not skin or respiratory sensitizers.			
	<b>IARC/NTP Classification</b>	<b>Common name IARC NTP</b> Limestone - -			
	<b>Carcinogenicity</b>	IARC : 1- Carcinogenic; 2A- Probably carcinogenic; 2B- Possibly carcinogenic. NTP : K- Known to be carcinogens; R- Reasonably anticipated to be carcinogens. Ingredients present at levels greater than or equal to 0.1% of this product are not listed as a carcinogen by IARC, ACGIH, NIOSH, NTP or OSHA.			
	<b>Mutagenicity</b>	Ingredients in this product present at levels greater than or equal to 0.1% are not known to cause mutagenic effects.			
	<b>Reproductive toxicity</b>	Ingredients in this product present at levels greater than or equal to 0.1% are not known to cause reproduction effects.			
	<b>Specific target organ toxicity - single exposure</b>	No target organ is listed.			
<b>Specific target organ toxicity - repeated exposure</b>	No target organ is listed.				
Interactive effects	No information available.				
Other information	No additional information.				

## 12. Ecological information

Ecological toxicity	Fish - Guppy - Poecilia reticulata (static)	LC50	17500 mg/L; 96h (Urea, CAS no 57-13-6)
	Aquatic Invertebrate - Daphnia Magna (static)	EC50	3910 mg/L; 48h (Urea, CAS no 57-13-6)
	Fish - Pimephales promelas (fathead minnow)	LC50	880 mg/L; 96h (CAS no 7447-40-7) OECD 203

	Aquatic Invertebrate - Daphnia magna (Water flea)	EC50	>440 mg/L; 48h (CAS no 7447-40-7) OECD 202
	Algae - Desmodesmus subspicatus	EC50	9.24 mg/L; 72h (CAS no 7447-40-7)
	Fish - Oncorhynchus mykiss - Rainbow trout (semi-static)	LC50	>100% saturation; 96 h (CAS no 1317-65-3)
	Aquatic Invertebrate - Daphnia Magna (immobilization) - freshwater	EC50	>100% saturation; 48 h (CAS no 1317-65-3)
<b>Persistence</b>	The compounds persist indefinitely in the environment or incorporate into biological systems.		
<b>Degradability</b>	The term biodegradability, as such, is not applicable to inorganic compounds.		
<b>Bioaccumulative potential</b>	No potential to bioaccumulate.		
<b>Mobility in soil</b>	The product is a mixture of which some ingredients have a high mobility in the soil, while other ingredients have a moderate mobility in the soil.		
<b>Other adverse effects</b>	This chemical does not deplete the ozone layer.		

### 13. Disposal considerations

<b>Container</b>		<p>Important! Prevent waste generation. Use in full. Empty containers can be treated (recycled) where there is a recovery program. Observe all federal, state/provincial and municipal regulations. If necessary consult the Department of Environment or the relevant authorities.</p>

### 14. Transport information

<b>UN Number</b>	UN N/A
<b>UN Proper Shipping Name</b>	Not regulated by TDG (Canada) and 49 CFR DOT (USA).
<b>Environmental hazards</b>	This material does not contain marine pollutant.
<b>Special precautions for user</b>	No information available.
<b>TDG - Transportation of Dangerous Goods (Canada &amp; US DOT)</b>	
<b>Transport hazard class(es)</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>2020 Emergency Response Guidebook</b>	
<b>IMO/IMDG - International Maritime Transport</b>	
<b>Classification</b>	Not regulated
<b>IATA - International Air Transport Association</b>	
<b>Classification</b>	Not regulated
<p>These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. In addition, if a domestic exemption exists, it is the responsibility of the shipper to define the application of it.</p>	

### 15. Regulatory information

<b>Other regulations</b>	
	<b>HMIS</b> <span style="margin-left: 200px;"><b>NFPA</b></span>

	<input type="radio"/> <b>Health</b> <input type="radio"/> <b>Flamability</b> <input type="radio"/> <b>Reactivity</b> <input type="radio"/> <b>Protective Equipment</b>	
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## 16. Other information

<b>Date (YYYY-MM-DD)</b>	Premier Tech Home & Garden Inc 2021-07-27
<b>Version</b>	01
<b>Other information</b>	<p>REFERENCES:</p> <ul style="list-style-type: none"> <li>- Service du répertoire toxicologique de la Commission des normes, de l'équité, de la santé et de la sécurité du travail (CNESST), <a href="https://www.cnesst.gouv.qc.ca/fr">https://www.cnesst.gouv.qc.ca/fr</a></li> <li>- Haz-Map, Information on Hazardous Chemicals and Occupational Diseases, <a href="https://haz-map.com/">https://haz-map.com/</a></li> <li>- The National Center for Biotechnology Information, National Institutes of Health (NIH), U.S. National Library of Medicine, <a href="https://pubchem.ncbi.nlm.nih.gov">https://pubchem.ncbi.nlm.nih.gov</a></li> </ul> <p>ACGIH: American Conference of Governmental Industrial Hygienists          AIHA: American Industrial Hygiene Association          HMIS: Hazardous Materials Identification System          NFPA: National Fire Protection Association          OSHA: Occupational Safety and Health Administration (USA)          NIOSH: National Institute for Occupational Safety and Health          NTP: National Toxicology Program          RSST: Règlement sur la santé et la sécurité du travail (Québec)          GHS: Globally Harmonized System          IARC: International Agency for Research on Cancer          IDLH: Immediately Dangerous to Life or Health          STEL: Short Term Exposure Limit (15 min)          TWA: Time Weighted Averages          WHMIS: Workplace Hazardous Materials Information System</p>
<p>Powered by</p>  <p>A global vision of prevention</p>	<p>To the best of our knowledge, the information contained herein is accurate. However, neither Preventis System, nor the above named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.</p>