

Green Guardian Inc

Liquid Fertilizer

Material Safety Data Sheet

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Manufactured by

Green Guardian Inc. c/o Farm
Crop Extracts Inc.
889 Pierce Butler Route
Saint Paul MN 55104

Phone 651-295-8388

Section 1 Identification and Use of Product	
PRODUCT	▶ Nature's Feed 18-0-5
USE OF PRODUCT :	LIQUID FERTILIZER
CHEMICAL EQUIVALENT	▶ N/A
CHEMICAL FAMILY	▶ N/A
FORMULA: 18-0-5	C.A.S. NO. ▶ N/A

Section 2 DANGEROUS INGREDIENTS / COMPOSITIONS			
			Guaranteed Minimum Analysis.
INGREDIENTS:	C.A.S No		
Feed Grade Potassium Chloride	7447-40-7	Total Nitrogen N >>>>	- 18%
Feed Grade Urea	57-13-6	Actual Phosphoric >>>>	- 0%
All ingredients are used in animal feed		Acid (P₂O₅)	
		Soluble Potash (K₂O)>>>>	- 5%

Section 3 PHYSICAL PROPERTY INFORMATION			
<i>BOILING POINT</i> (0 °C)	▶ N.A.	<i>MELTING POINT</i> (0 °C)	▶ N.A.
<i>SPECIFIC GRAVITY</i> (H ₂ O)	▶ 1.20	<i>VOLATILES BY VOLUME (%)</i>	▶ N.A.
<i>SOLUBILITY IN WATER</i>	▶ Soluble	<i>EVAPORATION RATE</i> (Butyl Acetate = 1)	▶ N.A.
<i>PHYSICAL STATE</i>	▶ liquid	<i>DENSITY</i>	▶ 1.20 kg/l
<i>VAPOR PRESSURE</i> (mmHg) ▶ N.A.			
<i>VAPOR DENSITY</i> (AIR = 1) ▶ N.A.			
<i>MOLECULAR WEIGHT</i> ▶ N.A.			
<i>pH</i> ▶ 7.0			
<i>APPEARANCE AND ODOUR</i> Brown liquid with possibility of a slight molasses odour.			

Section 4 FIRE AND EXPLOSION HAZARDS DATA			
<i>FLASH POINT</i> N.A.	<i>FLAMABLE LIMIT – VOLUME IN THE AIR (% PER VOL.)</i> Minimal Conc. : N/A Maximal Conc. : N/A		
<i>EXTINGUISHING MEDIA</i> Use media appropriate for surrounding fire and/or materials.			
<i>SPECIAL FIRE FIGHTING PROCEDURES</i> In the event of a fire, wear full protective clothing and self-contained breathing apparatus, as fumes from fire might be toxic.			
<i>AUTO IGNITION TEMPERATURE:</i>		N/A °C	N/A °F

Section 5		REACTIVITY INFORMATIONS	
<u>STABILITY</u>		<u>HAZARDOUS POLYMERISATION</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>			
The product is corrosive and may cause damages to metal structures after a while.			
<u>P.D. HAZARDOUS DECOMPOSITION PRODUCTS</u>			
N.A.			

Section 6		HEALTH DATA	
<u>EYE CONTACT :</u>			
May cause burns and irritation..			
<u>SKIN CONTACT :</u>			
May cause skin irritation.			
<u>INHALATION :</u> No inhalation problems have been discovered.			
<u>INGESTION :</u> No ingestion problems have been discovered.			
<u>MEDICAL ADVICE :</u>			
N.A.			

Section 7		EMERGENCY MEASURES (SPILL OR LEAK)	
<u>SPILLS :</u>			
In case of a land spill, construct temporary dikes of dirt, sand or any appropriate readily available material to prevent spreading of the product for either recuperation or elimination then absorb with an inert material ; wash ground thoroughly with plenty of water in order to avoid contamination of vegetation. Use appropriate containment to avoid runoff or release to sewer or waterways. 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. Keep from freezing. Store in bulk containers or 1040 litre totes. If allowed to sit for more than 48 hours mix before using.			
<u>OTHER PRECAUTIONS</u>			
Keep away from children. Handle in accordance with good industrial hygiene and safety practices.			

Section 8	EMERGENCY AND FIRST AID PROCEDURES
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EYE CONTACT :

IMMEDIATELY flush eyes with running water for at least 15 minutes. Obtain medical attention if irritation persists.

SKIN CONTACT:

Remove contaminated clothing. Wash affected areas thoroughly with soap and water. If irritation persists, obtain medical advice.

INHALATION : May cause irritation of mucous membranes of nose and throat and respiratory problems. Remove victim to fresh air. If symptoms persist, obtain medical advice.

INGESTION : If alert and not convulsing, give the victim plenty of water. DO NOT induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomit. Rinse mouth and give more water. Obtain medical attention IMMEDIATELY.

MEDICAL ADVICE:

N.A.

Section 9	SPECIAL PROTECTION INFORMATION
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RESPIRATORY PROTECTION

No equipment normally required.

SKIN PROTECTION

Wear gloves and protective clothing made from rubber.

EYES PROTECTION

Safety glasses with side shields are recommended to prevent eye contact.

OTHER PROTECTIVE EQUIPMENT

No particular recommendations.

Section 10	OTHER INFORMATIONS
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Prepared for: BJE DISTRI-ORGANIC

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RENUNCIATION

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 Greener Pastures.