



ARCTIC GRO 22-11-11

24 Hour Emergency Phone Number
ChemTel: 800-255-3924 www.chemtelinc.com

SAFETY DATA SHEET
REVISED: September 7th, 2016

Section 1: Identification

Product Name: ARCTIC GRO 22-11-11
Other means of identification: FERTILIZER, INORGANIC FERTILIZER, 22-11-11
Product type: FERTILIZER, INORGANIC FERTILIZER, 22-11-11
Recommended Uses: LAWN AND GARDENING FERTILIZER
Supplier's details: Alaska Garden & Pet Supply, Inc.
Street Address: 114 North Orca
City, State: Anchorage, Alaska
Postal Code: 99501
Country: United States
Telephone Number: 907-279-4519
Fax Number: 907-276-7416
Emergency telephone number: **ChemTel: 800-255-3924**

Section 2: Hazard(s) Identification GHS: 4=least, 3=slight, 2=high, 1=severe

Hazard classification of the chemical: 4
Signal word: N/A
A REVIEW OF THE INGREDIENT SALTS INDICATES THAT INGESTION MAY CAUSE DIARRHEA, PURGING, AND FLATULENCE. NAUSEA AND VOMITING COULD BE EXPECTED UPON LARGE DOSE INGESTION. THE ACUTE INGESTIVE EFFECTS ARE DESCRIBED AS NAUSEA, CHILLS, AND DIARRHEA. EYE OR SKIN CONTACT WITH THESE PRODUCTS COULD CAUSE IRRITATION (PARTICULARLY IN SENSITIVE PERSONS) AND RESPIRATORY IRRITATION COULD BE EXPECTED FROM THE UNPROTECTED BREATHING OF FERTILIZER DUST. PRODUCT USERS SHOULD AVOID PROLONG OR REPEATED SKIN CONTACT, AND THEY SHOULD USE EYE PROTECTION WHEN REQUIRED BY CONDITIONS OF USE. PRODUCT USERS SHOULD WASH THOROUGHLY AFTER USING OR HANDLING THESE FERTILIZERS. SINCE CHILDREN COULD RECEIVE TOXIC INGESTIVE DOSES OF FERTILIZER, THESE PRODUCTS SHOULD BE STORED IN A SECURE PLACE WHERE CHILDREN CANNOT GET AT THEM.

Hazard statement(s):
Pictograms: N/A
Precautionary statement(s): CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING
Description of any hazards not otherwise classified: N/A

Section 3: Composition/Information on Ingredients

Chemical name: 22% TOTAL NITROGEN USING UREA (46-0-0)
Common name and synonyms: 11% TOTAL PHOSPHOROUS USING MONOAMMONIUM PHOSPHATE (11-52-0)
(CAS) number and other unique identifiers: 11% TOTAL POTASSIUM USING POTASSIUM CHLORIDE / MURIATE OF POTASH
56% LIME (CALCIUM CARBONATE), AND FERTILIZER SALTS
TRACE INERT INGREDIENTS / IMPURITIES
TLV =10MG/M³ NUISANCE DUST

Section 4: First Aid Measures

Eye contact:	FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES UNTIL IRRITATION SUBSIDES.
Inhalation:	REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION.
Skin contact:	WASH FROM SKIN WITH SOAP AND WATER.
Ingestion:	DILUTE WITH WATER OR MILK. IF NECESSARY INDUCE VOMITING ONLY WHEN VICTIM IS CONSCIOUS. CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.
Important Symptoms/Effects, Acute, and Delayed Potential acute health effects:	NONE KNOWN. PRE-EXISTING RESPIRATORY CONDITIONS AGGRAVATED BY EXPOSURE TO DUSTS.

Section 5: Fire-Fighting Measures

Extinguishing media:	NOT CONSIDERED TO BE A FIRE HAZARD
Special fire fighting procedures:	DETERMINE BY SURROUNDING FIRE, NOT CONSIDERED COMBUSTABLE
Unusual fire/Explosive hazards:	N/A SWEEP UP AND/OR SHOVEL INTO CLOSED CONTAINERS FOR RECOVERY, REUSE OR DISPOSAL
Hazardous decomposition:	REUSE OR DISPOSAL

Section 6: Accidental Release Measures- Personal precautions, Protective Equipment and Emergency Procedures

Non-Emergency personnel:	N/A
Emergency responders:	AVOID BREATHING DUSTS KEEP SPILLS AND CLEANING RUNOFF OUT OF SEWERS AND OPEN BODIES OF WATER
Environmental precautions:	SWEEP UP AND/OR SHOVEL INTO CLOSED CONTAINERS FOR RECOVERY, REUSE OR DISPOSAL
Methods and Material for Containment:	REUSE OR DISPOSAL

Section 7: Handling and Storage - Precautions for Safe Handling

Protective measures:	WASH HANDS AND REMOVE CLOTHING AND PPE AND CLEAN
Advice on general occupational :	WEAR PROTECTIVE CLOTHING, GLOVES AND SAFETY GOGGLES
Hygiene:	WASH THOROUGHLY STORE IN COOL DRY PLACE AWAY FROM OTHER SOURCES OF HIGH HEAT. PROTECT BAGS OR OTHER CONTAINERS FORM DAMAGE. KEEP BAG CLOSED WHEN NOT IN USE.
Conditions for safe storage:	WHEN NOT IN USE.

Section 8: Exposure Controls and Personal Protection

Control Parameters

Occupational Exposure Limits:	WEAR PROTECTIVE CLOTHING, GLOVES AND SAFETY GOGGLES
Appropriate engineering controls	VENTILATION SYSTEM IS RECOMMENDED

Individual Protection Measures

Hygiene Measures:	WASH THOROUGHLY
Eye/Face Protection:	WEAR PROTECTIVE SAFETY GOGGLES

Skin Protection

Hand Protection	WEAR GLOVES
Body Protection	WEAR PROTECTIVE CLOTHING, LONG SLEEVED SHIRTS AND PANTS
Other Skin Protection	N/A
Respiratory Protection	USE A NIOSH APPROVED PARTICULATE RESPIRATOR IF IRRESPIRABLE DUST GENERATION OCCURS
Personal Protective Equipment	WEAR PROTECTIVE CLOTHING, GLOVES AND SAFETY GOGGLES

Section 9: Physical and Chemical Properties

Appearance of Physical state:	MULTI-COLORED - WHITE, GREEN, AND RED GRANULAR POWDERS
Color:	MULTI-COLORED - WHITE, GREEN, AND RED GRANULAR POWDERS
Odor:	ODORLESS

Odor Threshold:	N/A
Specific gravity::	>1
Bulk density:	61.58 LBS/FT ³
Solubility:	APPRECIABLE (WATER)

Section 10: Stability and Reactivity

Chemical stability:	STABLE UNDER ORDINARY CONDITIONS
Possibility of hazardous reactions:	UREA MAY DECOMPOSE TO RELEASE CYAN URIC ACID, AMMONIA, HCN
Conditions to avoid:	EXCESSIVE HEAT AND MOISTURE
Incompatible materials:	AVOID CONTACT WITH STRONG OXIDIZING AGENTS
Hazardous decomposition:	UREA MAY DECOMPOSE TO RELEASE CYAN URIC ACID, AMMONIA, HCN

Section 11: Toxicology Information (GHS)

Routes of Exposure

Inhalation:	4
Ingestion:	4
Skin	4
Eye contact:	4

Exposure

Delayed	4
Immediate:	4

Chronic Effects

Short term exposure	4
Long term exposure	4

Numerical Measures of Toxicity

Acute toxicity estimates (Median Lethal Dose)	NONE LISTED
Description of the symptoms:	NONE LISTED
Carcinogenicity:	N/A

Section 12: Ecological Information

N/A

Section 13: Disposal Considerations

FOR DISPOSAL, FOLLOW FEDERAL, STATE AND LOCAL REGULATIONS

Section 14: Transport Information

NOT REGULATED

Section 15: Regulatory Information

NOT REGULATED

Section 16: Other Information

N/A

History

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