



ARCTIC GRO 22-4-4

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

SAFETY DATA SHEET
REVISED: December 23rd, 2020

Section 1: Identification

Product Name: ARCTIC GRO 22-4-4 FERTILIZER
Other means of identification: FERTILIZER, INORGANIC FERTILIZER, 22-4-4
Product type: FERTILIZER, INORGANIC FERTILIZER, 22-4-4
Recommended Uses: LAWN AND GARDEN FERTILIZING
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
Hazard statement(s): NOT HAZARDOUS
A REVIEW OF THE INGREDIENTS INDICATES THAT INGESTION IS SLIGHTLY TOXIC TO INTERNAL ORGANS. SIGNS AND SYMPTOMS MAY INCLUDE, BUT MAY NOT BE LIMITED TO HEADACHE, DIZZINESS, WEAKNESS, NAUSEA, VOMITING, DIARRHEA AND ABDOMINAL CRAMPS. EYE OR SKIN CONTACT WITH THESE PRODUCTS COULD CAUSE IRRITATION, PAIN AND REPEATED CONTACT MAY CAUSE CONJUNCTIVAL IRRITATION. RESPIRATORY IRRITATION COULD BE EXPECTED FROM THE UNPROTECTED BREATHING OF DUST PROLONGED INHALATION MAY CAUSE IRRITATION TO THE LUNGS. PRODUCT USERS SHOULD AVOID PROLONGED OR REPEATED SKIN CONTACT.
Pictograms:
Precautionary statement(s): N/A
Description of any hazards not otherwise classified: CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING
NOT HAZARDOUS

Section 3: Composition/Information on Ingredients

Chemical name: 22% TOTAL NITROGEN USING UREA (46-0-0) (CAS# 57-13-6)
4% TOTAL PHOSPHOROUS USING MONOAMMONIUM PHOSPHATE (11-52-0) (CAS# 7722-76-1)
4% TOTAL POTASSIUM USING POTASSIUM CHLORIDE / MURIATE OF POTASH (CAS# 7447-40-7)
70% LIME (CALCIUM CARBONATE), AND FERTILIZER SALTS (CAS# 471-34-1)

Common name and synonyms 22-4-4

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:	WATER OR MILK. IF NECESSARY INDUCE VOMITING ONLY WHEN VICTIM IS CONSCIOUS.
Important Symptoms/Effects, Acute, and Delayed	CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.
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:	IN THE EVENT OF FIRE, WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS
Unusual fire/Explosive hazards:	N/A
Hazardous decomposition:	UREA MAY DECOMPOSE TO RELEASE CYANURIC ACID, AMMONIA, HCN

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

Non-Emergency personnel:	N/A
Emergency responders:	AVOID BREATHING DUSTS
Environmental precautions:	KEEP SPILLS AND CLEANING RUNOFF OF SEWERS AND OPEN BODIES OF WATER
Methods and Material for Containment:	SWEEP UP AND/OR SHOVEL INTO CLOSED CONTAINERS FOR RECOVERY, 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, SAFETY GOGGLES
Hygiene:	WASH THOROUGHLY
Conditions for safe storage:	STORE IN A COOL DRY PLACE AWAY FROM OTHER SOURCES OF HIGH HEAT. PROTECT BAGS OR OTHER CONTAINERS FROM DAMAGE. KEEP BAGS OR CONTAINERS CLOSED WHEN NOT IN USE

Section 8: Exposure Controls and Personal Protection

Occupational Exposure Limits:	WEAR PROTECTIVE CLOTHING, GLOVES, SAFETY GOGGLES
Appropriate engineering controls	VENTILATION SYSTEM IS RECOMMENDED
Hygiene Measures:	WASH THOROUGHLY
Eye/Face Protection:	WEAR PROTECTIVE CLOTHING, GLOVES, SAFETY GOGGLES
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 IRRESPIABLE DUST GENERATION OCCURS
Personal Protective Equipment	WEAR PROTECTIVE CLOTHING, GLOVES, SAFETY GOGGLES

Section 9: Physical and Chemical Properties

Appearance of Physical state:	MULTI COLORED, WHITE, GREEN AND RED GRANULAR POWDERS
Color:	WHITE, GREEN AND RED GRANULAR POWDERS
Odor:	ODORLESS
Odor Threshold:	N/A
Specific gravity:::	>1
Relative density:	61.58 LBS/FT ³

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 N/A

Section 16: Other Information N/A

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