



# ARCTIC GRO FALL FERTILIZER 15-10-20 WITH 1% IRON

24 Hour Emergency Phone Number  
CHEMTREC: (800) 424-9300

SAFETY DATA SHEET  
REVISED: May 21, 2015

## Section 1: Identification

Product Name: ARCTIC GRO 15-10-20 WITH 1% IRON FERTILIZER  
Other means of identification: FERTILIZER, INORGANIC FERTILIZER, 15-10-20 WITH 1% IRON  
Product type: FERTILIZER, INORGANIC FERTILIZER, 15-10-20 WITH 1% IRON  
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: Chemtrec: 1-800-424-9300

## 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): A REVIEW OF THE INGREDIENT SALTS INDICATES THAT INGESTION MAY CAUSE DIARRHEA, PURGING, AND FLATULENCE. NAUSEA AND VOMITTING 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. FERROUS SULFATE IS LOW TOXICITY IN SMALL QUANTITIES BUT LARGER DOSAGES MAY CAUSE NAUSEA, VOMITING, DIARRHEA, AND BLACK STOOL. PINK URINE DISCOLORATION IS A STRONG INDICATOR OF IRON POISONING. LIVER DAMAGE, COMA, AND DEATH FROM IRON POISONING HAVE BEEN RECORDED. SMALLER DOSES ARE MUCH MORE TOXIC TO CHILDREN. FERROUS SULFATE CAUSES IRRITATION TO THE RESPIRATORY TRACK. SYMPTOMS MAY INCLUDE COUGHING, SHORTNESS OF BREATH

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: 15% TOTAL NITROGEN USING UREA (46%-0-0) AS SOURCE  
10% TOTAL PHOSPHOROUS USING MONOAMMONIUM PHOSPHATE (11-52-0)  
20% TOTAL POTASSIUM USING POTASSIUM CHLORIDE/MURIATE OF POTASH  
1% TOTAL IRON USING FERROUS SULFATE AS SOURCE  
54% LIME (CALCIUM CARBONATE), AND FERTILIZER SALTS  
TRACE INERT INGREDIENTS/IMPURITIES TLV=10MG/M<sup>3</sup> NUISANCE DUST

Common name and synonyms: 15-10-20 WITH 1% IRON

## 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:	INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING. NONE KNOWN. PRE-EXISTING RESPIRATORY CONDITIONS AGGRAVATED BY EXPOSURE TO DUSTS.
<b>Important Symptoms/Effects, Acute, and Delayed Potential acute health effects:</b>	

**Section 5: Fire-Fighting Measures**

Extinguishing media:	Not Considered to be a Fire Hazard
Special fire fighting procedures:	Determine by surrounding Fire, not considered a combustible.
Unusual fire/Explosive hazards:	N/A
Hazardous decomposition:	Sweep up and/or shovel into closed containers for recovery, 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.
Environmental precautions:	Keep spills and cleaning runoff out 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 THIS PRODUCT IN A COOL DRY PLACE AWAY FROM SOURCES OF HEAT. FLUXUATING TEMPERATURES CAUSES IRON SULFATE TO OXIDIZE. 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 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 irrespirable 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 granules and crystals
Color:	white, green and red granules and crystals
Odor:	odorless
Odor Threshold:	N/A
Specific gravity::	>1
Relative density:	

**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

N/A for disposal, follow federal, state, and local regulations

## Section 14: Transport Information

N/A not regulated

## Section 15: Regulatory Information

N/A

## Section 16: Other Information

KEEP FERTIZIER OUT OF REACH OF CHILDREN

### History

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Prepared by:	Alaska Garden & Pet Supply, Inc.

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