

# MATERIAL SAFETY DATA SHEET

## ALASKA GARDEN & PET SUPPLY

PAGE 1 OF 3

# ARCTIC GRO WEED & FEED

## 21-2-4

REVISED 04/24/06

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC DAY OR NIGHT 1-800-424-9300

### 1. PRODUCT AND COMPANY INFORMATION

*MANUFACTURER'S NAME:* WOODBURN FERTILIZER  
868 N. FRONT STREET  
WOODBURN, OREGON 97071

*TRADE NAME AND SYNONYMS:* ARCTIC GRO WEED & FEED 21-2-4 FERTILIZER

*CHEMICAL NAME AND SYNONYMS:* FERTILIZER, INORGANIC FERTILIZER, 21-2-4 FERTILIZER, WEED & FEED

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

*INGREDIENTS:* 21% TOTAL NITROGEN USING UREA (46-0-0) AND AMMONIACAL NITROGEN AS SOURCE  
2% TOTAL PHOSPHOROUS USING MONOAMMONIUM PHOSPHATE (11-52-0) AS SOURCE  
4% TOTAL POTASSIUM USING POTASSIUM CHLORIDE (MURIATE OF POTASH) AS SOURCE  
15.30% SULFUR USING AMMONIUM SULFATE AS SOURCE  
2% TOTAL IRON USING FERROUS SULFATE AS SOURCE  
45.10% FERTILIZER SALTS, AND TRACE INERT IMPURITIES

*ACTIVE INGREDIENTS:* TRIMEC® 848 HERBICIDE CONCENTRATE  
0.46% 2,4-DICHLOROPHENOXYACETIC ACID  
0.10% (+)-(R)-2-(2 METHYL-4-CHLOROPHENOXY) PROPIONIC ACID  
0.04% DICAMBA: 3,6-DICHLORO-O-ANISIC ACID

### 3. HAZARDS IDENTIFICATION

TLV =10MG/M<sup>3</sup> NUISANCE DUST

*NFPA HAZARD RATING:* 0=LEAST 1=SLIGHT 2=MODERATE 3=HIGH 4=SEVERE

HEALTH = 1  
FLAMMABILITY = 0  
REACTIVITY = 0

*POTENTIAL HEALTH EFFECTS:*

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 (PARTICULARLY IN SENSITIVE PERSONS). CONTACT WITH EYES MAY CAUSE PAIN. REPEATED CONTACT WITH EYES MAY CAUSE CONJUNCTIVAL IRRITATION.

RESPIRATORY IRRITATION COULD BE EXPECTED FROM THE UNPROTECTED BREATHING OF PRODUCT'S DUST. PROLONGED INHALATION MAY CAUSE IRRITATION TO THE LUNGS

PRODUCT USERS SHOULD AVOID PROLONGED 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 PRODUCTS SHOULD BE STORED IN A SECURE PLACE WHERE CHILDREN CANNOT GET AT THEM.

### 4. FIRST AID MEASURES

CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.

*INGESTION:* IF SWALLOWED, CALL A PHYSICIAN OF POISON CONTROL CENTER IMMEDIATELY. DRINK 1 OR 2 GLASSES OF WATER AND INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

*INHALATION:* REMOVE TO FRESH AIR. WASH MOUTH AND NASAL PASSAGES WITH WATER REPEATEDLY. IF BREATHING DIFFICULTIES PERSIST, SEEK MEDICAL ATTENTION.

*SKIN:* WASH FROM SKIN WITH SOAP AND WATER. DO NOT ATTEMPT TO NEUTRALIZE WITH CHEMICAL AGENTS. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

*EYES:* REMOVE CONTACT LENSES. IMMEDIATELY FLUSH EYES WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IMMEDIATELY.

**5. FIRE FIGHTING MEASURES**

*FIRE:* NOT CONSIDERED TO BE A FIRE HAZARD

*EXPLOSION:* NOT CONSIDERED TO BE AN EXPLOSION HAZARD

*FIRE EXTINGUISHING MEDIA:* DETERMINED BY SURROUNDING FIRE / NOT CONSIDERED A COMBUSTABLE

*SPECIAL INFORMATION:* IN THE EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS

**6. ACCIDENTAL RELEASE MEASURES**

NOTIFY MANAGEMENT OF ANY SPILLS. SMALL SPILLS SHOULD BE SWEEPED UP AND/OR BE SHOVELED INTO CLOSED CONTAINERS FOR RECOVERY, REUSE, OR DISPOSAL. FOR LARGE SPILLS, CONFINE SPILL, SOAK UP WITH APPROVED ABSORBANT, AND SHOVEL IN APPROVED CONTAINER FOR DISPOSAL.

**7. STORAGE AND HANDLING**

STORE THIS PRODUCT IN A COOL DRY PLACE AWAY FROM SOURCES OF HIGH HEAT. PROTECT BAGS OR OTHER CONTAINERS FROM DAMAGE. KEEP BAGS OR CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

*AIRBORNE EXPOSURE LIMITS:* NONE ESTABLISHED

*VENTILATION SYSTEM:* A SYSTEM OF GENERAL AND/OR LOCAL EXHAUST IS RECOMMENDED TO KEEP EXPOSURE AS LOW AS POSSIBLE.

*PERSONAL RESPIRATORS:* USE A NIOSH APPROVED PARTICULATE RESPIRATOR IF RESPIRABLE DUST GENERATION OCCURS OR IS ANTICIPATED DURING PRODUCT USE. USE OTHER PROTECTIVE EQUIPMENT (GOGGLES, GLOVES, ETC.) AS REQUIRED BY CONDITIONS OF PRODUCT USE. WASH THOROUGHLY AFTER HANDLING ICE MELT, FERTILIZERS, OR OTHER CHEMICALS.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

*APPEARANCE:* MULTI-COLORED – WHITE GRANULARS

*ODOR:* PHENOLIC ODOR

*SOLUBILITY:* COMPLETE

*SPECIFIC GRAVITY:* >1

**10. STABILITY AND REACTIVE DATA**

*STABILITY:* STABLE UNDER ORDINARY CONDITIONS

*CONDITIONS TO AVOID:* EXCESSIVE HEAT AND MOISTURE

*INCOMPATIBILITY:* AVOID CONTACT WITH STRONG OXIDIZING AGENTS AND STRONG ACIDS

*HAZARDOUS POLYMERIZATION:* WILL NOT OCCUR

*HAZARDOUS DECOMPOSITION PRODUCTS:* DECOMPOSITION WILL NOT OCCUR IF STORED AND HANDLED PROPERLY

**11. TOXICOLOGICAL INFORMATION**

NOT ESTABLISHED

**12. ECOLOGICAL INFORMATION**

DO NOT FEED TREATED FOLIAGE TO LIVESTOCK OR GRAZE OR TREATED AREAS. DO NOT ALLOW TO COME INTO CONTACT WITH VEGETABLES, ORNAMENTAL OR OTHER DESIRABLE PLANTS. DO NOT APPLY DIRECTLY ONTO WATER. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES. WILL SLOWLY RELEASE AMMONIA AND DEGRADE TO NITRATE. AMMONIA IS A TOXIC HAZARD TO FISH. HOWEVER, AMMONIA RELEASE IS SLOW MAKING UREA MUCH LESS TOXIC THAN AMMONIUM SALTS.

**13. DISPOSAL CONSIDERATIONS**

FOR DISPOSAL, FOLLOW FEDERAL, STATE, AND LOCAL REGULATIONS. THIS PRODUCT SHOULD NOT BE DISCHARGED INTO LAKES, PONDS, STREAMS OR PUBLIC WATERS. PRODUCT IS CLASSIFIED AS NON-HAZARDOUS, HOWEVER, NON-HAZARDOUS MATERIALS MAY BECOME HAZARDOUS WASTE UPON CONTACT WITH OTHER PRODUCTS.

**14. MSDS TRANSPORT INFORMATION**

NOT REGULATED

**15. REGULATORY INFORMATION**

SARA TITLE III HAZARD CATEGORY: IMMEDIATE: NO FIRE: NO SUDDEN RELEASE  
DELAY: NO REACTIVE: NO OF PRESSURE: NO

SUBSTANCES REGULATED UNDER SARA, TITLE III  
SEC. 313 (REPORTABLE INGREDIENTS): NONE LISTED  
SEC.311/312 (HAZARD CATEGORIES): HEALTH, ACUTE, CHRONIC

**16. OTHER INFORMATION**

NO SPECIFIC NOTES

**DATE OF ISSUE:** 4/24/06 **SUPERSEDES:** 10/23/98

ALL INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS FURNISHED FREE OF CHARGE AND IS INTENDED FOR YOUR EVALUATION. IN OUR OPINION THE INFORMATION IS, AS OF THE DATE OF THIS MATERIAL SAFETY DATA SHEET, RELIABLE. HOWEVER, IT IS YOUR RESPONSIBILITY TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR YOUR USE. YOU ARE ADVISED NOT TO CONSTRUCT THE INFORMATION AS ABSOLUTELY COMPLETE SINCE ADDITIONAL INFORMATION MAY BE NECESSARY OR DESIRABLE WHEN PARTICULAR, EXCEPTIONAL OR VARIABLE CONDITIONS OR CIRCUMSTANCES EXIST OR BECAUSE OF APPLICABLE LAWS OR GOVERNMENT REGULATIONS. THEREFORE, YOU SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER INFORMATION GATHERED BY YOU, AND YOU MUST MAKE INDEPENDENT DETERMINATIONS OF THE SUITABILITY AND COMPLETENESS OF THE INFORMATION FROM ALL SOURCES TO ASSURE BOTH PROPER USE OF THE MATERIAL DESCRIBED HEREIN AND THE SAFETY AND HEALTH OF EMPLOYEES. ACCORDINGLY, NO GUARANTEE IS EXPRESSED OR IMPLIED AS TO THE RESULTS TO BE OBTAINED BASED ON YOUR USE OF THE INFORMATION.