

MATERIAL SAFETY DATA SHEET

ALASKA GARDEN & PET SUPPLY

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ARCTIC GRO WEED & FEED

21-2-4

REVISED 6/15/2011

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
55.10% FERTILIZER SALTS, AND TRACE INERT IMPURITIES

ACTIVE INGREDIENTS: TRIMEC® DMB 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/M³ 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. 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

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