



**THE ANDERSONS
MATERIAL SAFETY DATA SHEET**

PRODUCT CODE: APTK18M2X25

DATE PREPARED: 04/14/11

SECTION I: PRODUCT IDENTITY

PRODUCT NAME: Tur-Gade 0-0-18

DISTRBUTED BY: The Andersons Lawn Products
PO Box 119
Maumee, Ohio 43537

FOR EMERGENCY: (800) 757-8951
FOR INFORMATION: (419) 891-2957

CURRENT AS OF: 4/15/11

SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV
Potassium acetate (CAS # 127-08-2)		
Iron EDTA (CAS # 15708-41-5)		
Seaweed extract powder (CAS # Not listed)		
Manganese EDTA (CAS # Not listed)		
Proactin amino acid mix (CAS # Not listed)		

SECTION III: PHYSICAL DATA

BOILING POINT: NA EVAPORATION RATE: NA pH: 7.0 – 8.0
VAPOR DENSITY: NA VAPOR PRESSURE: NA MELTING POINT: NA
SPECIFIC GRAVITY: 1.26 – 1.27 BULK DENSITY: 10.5 – 10.6 lbs/gal
SOLUBILITY (IN WATER): Soluble
APPEARANCE AND ODOR: Brown liquid with earthy odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not flammable FLAMMABLE LIMITS: NA

EXTINGUISHING MEDIA: Use media suitable for surrounding fire

SPECIAL FIRE FIGHTING PROCEDURES:
Wear full protective clothing and positive-pressure self-contained breathing apparatus

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Decomposition products may be toxic

SECTION V: REACTIVITY DATA

CONDITIONS TO AVOID: Excessive heat; contact with strong acids, oxidizers, reducers, or alkalis; hypochlorites, amines

INCOMPATIBILITY: Aluminum, tin, zinc, and alloys

HAZARDOUS DECOMPOSITION PRODUCTS: CO_x, NO_x, organic acids

Product is stable and hazardous polymerization will not occur.

SECTION VI: PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Respirator with organic vapor cartridge recommended, as needed

EYE PROTECTION: Safety glasses with side shields, goggles, or faceshield are recommended

SKIN PROTECTION: Long sleeves, rubber gloves recommended

VENTILATION: Local exhaust ventilation recommended

SECTION VII: HEALTH HAZARD DATA

HEALTH HAZARDS: May cause skin and eye irritation. May be corrosive to skin. May also cause irritation of the respiratory tract, mucous membranes, and gastrointestinal tract.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing respiratory, skin, or eye conditions

FIRST AID PROCEDURES:

IF SWALLOWED: If victim is alert and not convulsing, give one glass of water to dilute material, but DO NOT induce vomiting. Seek immediate medical attention.

IF INHALED: Move victim to fresh air. Seek medical attention if irritation persists.

IF IN THE EYES: Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists.

IF ON SKIN: Shower / wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.

CARCINOGENICITY: None of the ingredients are known / listed carcinogens.

SECTION VIII: PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL / RELEASE PROCEDURES: Collect spilled product and store to re-use. Contaminated product and/or environmental media should be recovered and disposed of properly.

WASTE DISPOSAL METHOD: Read product label before disposing of product and container. Dispose of in accordance with all federal, state, and local regulations. Reuse recovered product where possible.

HANDLING / STORING PRECAUTIONS: Store in a cool, dry, well ventilated area. Avoid contact with eyes and skin.

PREPARED BY: SS

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