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MATERIAL SAFETY DATA SHEET

MANUFACTURED BY: Ramy Turf Products
1329 North Riverfront Drive
Mankato, MN 56001

ramyturf.com

Emergency Phone: 800-658-7269

1) PRODUCT IDENTIFICATION

PRODUCT TRADE NAME: Push 4-0-1

DATE PREPARED: March 15, 2006

CHEMICAL FAMILY: Liquid Wetting Agent/Soil Penetrant

FORMULA: NA, Formulated Mixture

NATIONAL FIRE PROTECTION ASSOCIATION RATING

SYNONYMS: Soil and Fertilizer Additive

Rating Level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Min

CAS NUMBER: NA, Formulated Mixture

Health 0

EPA NUMBER: None Required

Flammability 0

Reactivity 0

2) INGREDIENTS AND HAZARDS

HAZARD CLASSIFICATION:

IRRITANT

HAZARDOUS INGREDIENTS

CAS#

LIMIT

NONE

3) PHYSICAL DATA

APPEARANCE: Dark Brown Liquid

BULK DENSITY: N/A

ODOR: Earthy Odor

SOLUBILITY IN WATER: 100%

SPECIFIC GRAVITY: 1.23

pH: 6.5 – 7.0

BOILING POINT: 212 Degrees F

VOLATILES: None

FREEZING POINT: 15 Degrees F

N/A = NOT APPLICABLE

4) FIRE AND EXPLOSIVE DATE

FLASH POINT, F, COC: None

FLAMMABLE LIMITS: Not Established

AUTO IGNITION TEMPERATURE: Not Established

EXTINGUISHING MEDIA: Dry Chemical, Foam or Carbon Dioxide

FIRE & EXPLOSIVE HAZARD: Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor

FIRE & EXPLOSIVE HAZARD: None Known

SPECIFIC PROCEDURES: Keep away from extreme heat or cold

5) REACTIVITY DATA

STABILITY:

Product Is Stable

INCOMPATIBILITY:

Avoid Contact With Strong Oxidizing Agents

DECOMPOSITION PRODUCTS:

Ammonia and Sulfur Gases May Occur Under Fire Conditions

HAZARDOUS POLYMERIZATION:

Will Occur

6) HEALTH HAZARD DATA

SYMPTOMS

ROUTES OF EXPOSURE: Ingestion, Eyes and Skin

EYES: May Cause Pain, Excessive Watering, Redness, Stinging

SKIN: Prolonged Exposure or Repeated Exposure May Cause Skin Irritation and Drying

FIRST AID

EYES: Irrigate Immediately With Water For at Least 5 Minutes – Consult Physician If Irritation Persists

SKIN: Wash Off in Flowing Water or Shower

INGESTION: No adverse effect anticipated by this route of exposure incidental to proper industrial handling. For accidental ingestion of copious quantities by children or appearance of symptoms noted in Section IV, contact a physician prior to taking any medical action.

NOTE TO CARE AID ATTENDENTES: Provide supportive care, consult and have available MSDS sheet and make said information known and available to attending medical support personnel.

7) PRECAUTIONS FOR SAFE HANDLING AND USE

ACTION TO TAKE FOR SPILL/LEAKS: Contain spills by diking with dirt, sand or other absorbent material. Rope off area to prevent inadvertent spread of spill. Place leaking containers in overpak containers or transfer material to clearly marked new containers. Upon discovery of leak or spillage, notify proper supervisory personnel and if situation warrants, notify the proper Local or State hazardous waste response units prior to taking any action other than initial emergency response. All materials used to absorb leak or spill should be handled and disposed of in accordance to Local, State and Federal environmental laws. Workers performing clean-up duties should be made aware of any potential health hazards and must wear the correct protective clothing and devices needed to perform the duties in safe and proper manner.

PRODUCT DISPOSAL: Excess product that cannot be used without violating label instructions must be disposed of in a manner that is in full compliance of Local, State and Federal Laws.

CONTAINER DISPOSAL: Check with Local and State authorities for proper disposal prior to offering for recycling, incineration or sanitary landfill. Containers sent to local landfills should be triple rinsed, punctured and crushed prior to disposal.

HANDLING & STORAGE: Keep away from water. Material will dissolve in the presence of moisture. High humidity will cause product to cake.

8) CONTROL MEASURES

RESPIRATORY PROTECTION:

Not Required

VENTILATION:

No Special Requirements

PROTECTIVE GLOVES:

Chemical Resistant Rubber Gloves

EYE PROTECTION:

Wear Eye Protection

WORK / HYGENIC PROTECTION:

Avoid Contact With Eyes, Skin, Clothing, Wash Thoroughly.

9) REGULATORY STATUS:

This Product Does Not Contain Material Regulated Under SARA Title 3 Section 313

GW MSPUB:MSDS Generate