

MATERIAL SAFETY DATA SHEET

Hydro-Max

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company : Growth Products, Ltd.
P.O. Box 1252
White Plains, NY 10602
Phone Number: 800-648-7626
Chemical Name / Common Name: Yucca Schidigera, Humic Acid
Cas Registry Number NA
W % 50%

Section 2 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS: None. Contents listed in this product do not require labeling.

Section 3 – PHYSICAL DATA

| | | | |
|----------------------|----------------------|-------------------|-------------------------|
| Physical State: | Liquid | Solubility: | Completely |
| Color: | Dark Brown | Evaporation Rate: | Same as Water |
| Odor: | Mild earthy odor | Boiling Point: | About 212 Degrees F |
| Weight Per Gallon: | 10.1# @ 21 Degrees C | Freezing Point: | 32 Degrees F |
| Storage Life at 70F: | 2 Years | Viscosity: | 1-10 cps @ 21 Degrees C |
| pH – 21C: | 3.4 – 4.4 | Vapor Pressure: | Equivalent to water |

Section 4 – FIRE AND EXPLOSION HAZARD

| | |
|-------------------------------------|--|
| Flash Point/Method: | NA |
| Explosion Properties: | Noncombustible |
| Flammable Limit: | LEL: N/A UEL: N/A |
| Extinguishing Media: | Water, Carbon dioxide, and dry chemical powder |
| Special Fire Fighting Procedures: | None |
| Unusual Fire and Explosion Hazards: | None known |

Section 5 – HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE ACUTE (SHORT TERM EXPOSURE):

Eye: Liquid contact may cause slight eye irritation.

Skin: repeated skin exposure may cause some skin irritation

CHRONIC (LONG TERM EXPOSURE):

None known

Section 6 – EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Not expected to be harmful under normal conditions of use, however if allowed to become airborne, may cause irritation of nose, throat and lungs

EYE CONTACT: May cause irritation on prolonged or repeated contact

SKIN CONTACT: May cause irritation on prolonged or repeated contact

Section 7: TOXICITY INFORMATION

ACUTE TOXICITY (LETHAL DOSES)

DERMAL LD₅₀: N/E

ORAL LD₅₀: RATS 1500 MG/KG TO 3200 MG/KG @ 29% POTASSIUM SILICATE

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ACUTE TOXICITY (IRRITATION, SENSITIZATION)

EFFECTS TO EYES: No corneal or iridal effects were noted at a dose of 0.1 ml for rabbits
EFFECTS TO INGESTION: Non toxic or pathogenic
EFFECTS TO SKIN: Moderate irritation, reversible within 7 days
CARCINOGENICITY DATE: N/A

Section 8: STABILITY AND REACTIVITY DATA

STABILITY: This material is stable under all conditions of use and storage
CONDITIONS TO AVOID: NONE
MATERIALS TO AVOID: Avoid contact with strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Intense heat may cause product to release CO2 and hydrocarbons
HAZARDOUS POLMERIZATION: Will not occur

Section 9: SPECIAL PROTECTION INFORMATION

PROTECTIVE GLOVES: Gloves
EYE PROTECTION: Use goggles if contact is likely.
OTHER PROTECTION: N/A
RESPIRATORY PROTECTION OR REQUIRED VENTILATION:
Not normally needed. Wear NIOSH approved dust respirator

Section 10 – SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Prevent product from entering drinking water supplies. Collect liquid or solidify with absorbent material and package for disposal according to local, state, and federal regulations.

WASTE DISPOSAL PRECEDURES:

This product is likely to have a pH of 4 and would not be considered a federal hazardous waste according to EPA regulation 40CFR 261. Dispose in accordance with state and local regulation.

REPORTABLE QUANTITY UNDER CERCLA: N/A

Section 11 – STORAGE AND HANDLING INFORMATION

STORAGE TEMPERATURE:

MAX 100° F **MIN** 32° F **INDOOR** **OUTDOOR** **REFRIG.**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Not harmed by freezing. Thaw frozen fertilizer slowly and stir before using. Store in a cool place. Rotate stock in storage to use oldest first.

Section 12 – TRANSPORTATION INFORMATION

DOT UN STATUS: This material is not regulated hazardous material for transportation

OTHER PRECAUTIONS: Read entire label before using

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ABBREVIATIONS: N/E – NOT ESTABLISHED N/A – NOT APPLICABLE