

## MSDS SHEETS

**PRODUCT NAME:** Hydroplex<sup>TM</sup>

1. **INGREDIENTS:** Water-soluble vitamins, potassium phosphate, potassium nitrate, and magnesium nitrate in an acidic medium.

### 2. **PHYSICAL DATA:**

Physical Form: Liquid  
Boiling Point: 100°C  
Vap Press: N/A  
Vap Density: N/A  
Sol in Water: Completely soluble  
Evaporation Rate: N/A  
Appearance: Coffee-colored liquid  
Odor: Preparation has briny odor

### 3. **FIRE AND EXPLOSION HAZARD DATA:**

Flash Point: N/A  
Method Used: N/A  
FLAMMABLE LIMITS:  
LFL: N/A  
UFL: N/A

EXTINGUISHING MEDIA: This product is not combustible. Use any appropriate medium for extinguishing surrounding fires.

### 4. **REACTIVITY DATA:**

STABILITY: Stable.  
POLYMERIZATION: Will not occur.

Conditions to Avoid: Water of crystallization from applicable components driven off at approximately 235° Fahrenheit / 113° Celsius.

Materials to Avoid: Solutions can be corrosive to metals. Avoid strong oxidizing and reducing agents.

Hazardous Decomposition Products: None.

## **5. ENVIRONMENTAL AND DISPOSAL INFORMATION:**

**ACTION TO TAKE FOR SPILLS OR LEAKS:** Wear protective equipment, including rubber boots, rubber gloves, rubber apron and chemical goggles. For small spills, sweep up and dispose of in DOT-approved waste containers. Comply with all applicable governmental regulations on spill reporting, and handling and disposal of waste.

## **6. FIRST AID:**

IF INHALED: N/A

IN CASE OF EYE CONTACT: Flush eyes with lots of running water.

IN CASE OF SKIN CONTACT: Wash skin with lots of soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation persists.

IF SWALLOWED: Do not induce vomiting. Consult a physician.

## **7. HEALTH HAZARD INFORMATION:**

PRIMARY ROUTES OF EXPOSURE: Skin or eye contact, swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE:

Eye Contact: May moderately irritate eyes.

Skin Contact: May irritate damp skin.

Swallowed: Swallowing may result in abdominal discomfort.

CHRONIC EFFECTS OF EXPOSURE: No specific information available.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

**8. HANDLING PRECAUTIONS:**

EXPOSURE GUIDELINE:

VENTILATION: Local mechanical exhaust ventilation at the point of use.

RESPIRATORY PROTECTION: NIOSH-Approved dust and vapor respirator or mask in the absence of adequate environmental controls at the point of use.

PROTECTIVE CLOTHING: Long-sleeved shirt, trousers, safety shoes and gloves.

EYE PROTECTION: Chemical goggles.

OTHER PROTECTIVE MEASURES: An eyewash and safety shower should be nearby and ready for use.