

MATERIAL SAFETY DATA SHEET

**PRODUCT:**  
**TECNICLENE-L**

**D.O.T. :** Not Regulated  or Regulated   
Shipping Name (If regulated) :

SECTION I

**Distributed By:**  
Nortech Labs  
125 Sherwood Ave  
Farmingdale, NY 11736

**Emergency Phone:** 1-800-424-9300  
**Information Phone:** 1-631-501-1452  
**Date Prepared:** 6/07/2006  
**Signature of Preparer (optional):**

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<b>Hazardous Components:</b>	<b>OSHA PEL</b>	<b>CAS #</b>	<b>%</b>
Specific Chemical Identity (Common Name) : TETRAPOTASSIUM PHOSPHATE		7320-34-5	

**Sara Hazard:** Fire? NO Pressure? NO Reactivity? NO Acute? NO Chronic? NO

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b>	212 F	<b>Specific Gravity (water=1):</b>	1.1
<b>Vapor Pressure (mm Hg) :</b>	AS WATER	<b>Melting Point:</b>	N/A
<b>Vapor Density (Air=1):</b>	N/A	<b>Evaporation Rate:</b>	1
<b>pH:</b>	9.5	<b>Evaporation Standard:</b>	WATER
<b>Solubility in Water:</b>	COMPLETE		
<b>Appearance &amp; Odor:</b>	CLEAR, BLUE LIQUID, NO ODOR		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used) :** NONE  
**Flammable Limits in Air (%) :** N/A Lower: Upper: N/A  
**Extinguishing Media:** WATER, FOAM, FOG, DRY CHEMICAL

**Special Fire Fighting Procedures:**  
FIGHT SURROUNDING FIRE.

Ratings	NFPA	HMIS
Health	1	0
Fire	0	0
Reactivity	0	0

**Fire/Explosion Hazards:**  
NONE

SECTION V - REACTIVITY DATA

**Stability:** Unstable  Stable   
**Conditions to Avoid:** DO NOT FREEZE  
**Materials to Avoid:** HEAT  
**Hazardous Decomp/Byproducts:** OXIDES OR PHOSPHORUS  
**Hazardous Polymerization:** May Occur  Will Not Occur   
**Conditions to Avoid:** NONE

=====SECTION VI – HEALTH HAZARD DATA=====

**Routes of Entry:** Inhalation?YES Skin?YES Ingestion?YES

**Acute & Chronic Health Hazards:**

EYES: IRRITATION. SKIN: NO SPECIFIC HAZARD. INHALATION: UPPER RESPIRATORY TRACT IRRITATION. INGESTION: IRRITATION OF MUCOUS MEMBRANES, NARCOSIS.

**Carcinogenicity:**NO **NTP:**NO **IARC:**NO **OSHA Regulated:**NO

**Signs/Symptoms of Exposure:**

EYES: IRRITATION, REDDENING TO EYES. INGESTION: IRRITATION OF MOUTH, LUNGS, THROAT, AND STOMACH.

**Medical Conditions Generally Aggravated by Exposure:**

DERMATITIS

**Emergency and First Aid Procedures:**

INGESTION- RINSE MOUTH AND THROAT WITH WATER. SKIN AND EYES- FLUSH WITH FRESH WATER-IN THE CASE OF ANY SYMPTOMS-SEE DOCTOR.

=====SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE=====

**In case Material is Released or Spilled:**

FLUSH WITH LARGE AMOUNTS OF WATER. ABSORB IN CLAY ABSORBENT. SHOVEL TO DRY WASTE CONTAINER.

**Waste Disposal Method:**

ABSORB IN INERT CLAY OR ABSORBENT, OR MOP UP. DISPOSE OF IN SANITARY SEWER OR LANDFILL IN ACCORDANCE WITH REGULATIONS.

**Precautions to be Taken in Handling and Storing:**

KEEP FROM FREEZING. STORE IN A DRY AREA. KEEP AWAY FROM OXIDANTS.

**Other Precautions:**

NONE.

=====SECTION VIII – CONTROL AND PROTECTION MEASURES=====

**Respiratory Protection:**

NIOSH-APPROVED RESPIRATOR.

**Ventilation:** YES **Special Ventilation:** NO **Local Exhaust Needed:** NO **Mechanical:** YES **Other:** NO  
(General)

**Protective Gloves:** PLASTIC OR RUBBER RECOMMENDED

**Eye Protection:** NOT USUALLY NEEDED. SAFETY GLASSES IF SPLASHING LIKELY.

**Clothing/Equipment:** NO SPECIAL REQUIREMENTS

**Work/Hygiene:** WASH CONTAMINATED CLOTHING BEFORE REUSE. SAFETY EYEWASH NEARBY.

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