

**MATERIAL SAFETY DATA SHEET**

**NFPA RATING:** Health = 2 Flammability = 0 Reactivity = 0

**HMIS RATING:** Health = 2 Flammability = 0 Reactivity = 0

**SECTION I -- IDENTITY AND MANUFACTURER'S INFORMATION**

**Manufacturer's Name:** WEXFORD LABS, INC.

**Product Name:** HIL-PHENE II

**Address:** 325 Leffingwell Avenue  
Kirkwood, MO 63122

**Date Prepared:** August 26, 1994

**Prepared by:** Regulatory Affairs Department

**Emergency Telephone No.:** (314)-966-4134 (Only in the event of chemical emergency involving a spill, leak, fire, exposure or accident involving chemicals.)

**Other information calls:** (314) 966-4134

**SECTION II -- INGREDIENTS/IDENTITY INFORMATION****Components**

(Specific Chemical Identity: Common Name(s))	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
Sodium ortho-Phenylphenate (1)	132-27-4		5 ppm	N/A	6.49
Sodium ortho-Benzyl-para-chlorophenate	3184-65-4		5 ppm	N/A	6.50

(1)Regulated by the following state Right to Know: LA.

**SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS**

**Boiling Point:** (P.M.C.C.) over 212°F **Specific Gravity (H<sub>2</sub>O = 1):** 1.05  
**Vapor Pressure (mm Hg.):** N/A **Melting Point:** N/A  
**Vapor Density (AIR = 1):** N/A **Evaporation Rate (ethyl ether = 1):** Slower than 1  
**Solubility in Water :** 100% **Appearance and Odor:** Brown to purple liquid with light sassafras odor  
**pH (concentrate) =** 12.3 - 12.7 **pH use dilution:** 9.8 - 10.2

**SECTION IV -- FIRE AND EXPLOSION HAZARD DATA**

**Flash point:** None to boiling **Flammable Limits:** LEL = N/A UEL = N/A

**Extinguishing Media:** Use water spray (fog), alcohol foam, dry chemical, or carbon dioxide.

**Special Fire Fighting Procedures:** Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

**Unusual Fire and Explosion Hazards:** None known to manufacturer.

**SECTION V -- PHYSICAL HAZARDS**

**Stability:** Stable **Conditions to Avoid:** not applicable

**Incompatibility (Materials to Avoid):** None known to manufacturer.

**Hazardous Decomposition Products or Byproducts:** Carbon dioxide and carbon monoxide.

**Hazardous Polymerization:** Will not occur **Conditions to Avoid:** N/A

**SECTION VI -- HEALTH HAZARD DATA**

**Routes of entry:** Inhalation? Yes Skin? Yes Ingestion? Yes

**HEALTH HAZARDS (1. Acute and 2. Chronic)**

1. Corrosive. Causes eye damage and severe skin irritation.

2. None known to manufacturer.

**Chemical listed as Carcinogen or Potential Carcinogen:**

**National Toxicology Program =** No **I.A.R.C. Monographs =** No **OSHA =** No

This product has no carcinogens listed by IARC, NTP, NIOSH, or ACGIH as of this date, greater or equal to 0.1%.

## SECTION VI -- HEALTH HAZARD DATA cont.

**Signs and Symptoms of Exposure:** Skin erythema and eye irritation might appear upon contact.

**Medical Conditions Generally Aggravated by Exposure:** None known to manufacturer.

**Emergency and First Aid Procedures:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly large quantities of water. Avoid alcohol and call a physician.

## SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps To Be Taken In Case Material Is Released Or Spilled:** Avoid contamination of food, water or feed. Pick up material spilled with wet vacuum pick-up, squeegee and pan, or mop. Flush area thoroughly with water. Allow to dry.

**Waste Disposal Method:** For undiluted product - Open dumping is prohibited. Do not reuse empty container. Consult your federal, state or local disposal authorities for approved alternative procedure. Waste from normal use may be sent to a public owned treatment works in compliance with applicable federal, state, and local pretreatment requirements.

**Precautions To Be Taken In Handling And Storing:** Store at room temperature. Do not leave containers open during storage. Wear rubber gloves and face shield when handling concentrate.

**Other Precautions:** Avoid breathing spray mist. Harmful or fatal if swallowed. Avoid contamination of food. Keep out of reach of children.

## SECTION VIII -- CONTROL MEASURES:

**Respiratory Protection (Specify Type):** None normally required. If exposed to fine mist droplets of less than 15 microns, NIOSH/MSHA approved respirator should be worn.

### Ventilation:

**Local Exhaust =** N/A    **Mechanical (General) =** N/A    **Special =** None    **Other =** None

**Protective Gloves:** Rubber gloves with concentrate    **Eye Protection:** Face shield with concentrate

**Other Protective Clothing or Equipment:** None needed.

**Work / Hygienic Practices:** Keep out of reach of children. Do not get on skin or clothing. Protect eyes and skin when handling concentrate.

## SECTION IX - TRANSPORTATION INFORMATION:

**Applicable regulations:** 49 CFR = No; IMCO = No; IATA = No.

**Proper shipping name:** Cleaning Compound

**UN No.:** Not applicable    **Limited Qty.:** Not applicable    **Hazard Class:** Not applicable

**Labels required:** Not required    **DOT Exception:** Not applicable

**EPA Hazardous waste number/code:** Not listed

**Hazardous waste characteristics:**

**Ignitability =** Not applicable; **Corrosivity =** Not applicable; **Reactivity =** Not applicable.

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