



XI'AN HARMONIOUS NATURAL BIO-TECH CO.,LTD

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Material Safety Data Sheet

Potassium Nitrate MSDS

Section 1: Chemical Product and Company Identification

Product Name: Levamisole Hydrochloride

Contact Information:

Catalog Codes: MSDS#567

Xi'an Harmonious natural bio-tech co.,ltd

CAS#: 16595-80-5

Add: Tai He RD., Hui Lin Hua Cheng No10, 2104

RTECS: Not available.

Xi'an,
710032,
China

TSCA: TSCA 8(b) inventory: No products were found.

Tel :0086-029-86712509

CI#: Not available.

Chemical Name: C11-H12-N2-S.HCl

Website: www.xahnb.com

Chemical Formula: Not available.

CHEMTREC (24HR Emergency Telephone), call:
15202961574

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	Assay %
Levamisole Hydrochloride	16595-80-5	99

Toxicological Data on Ingredients: Not applicable.

Section 3: Hazards Identification

Potential Acute Health Effects: hazardous in case of ingestion,of inhalation,Slightly hazardous in case of skin contact (irritant), severe over-exposure can result in death.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. Seek medical attention.

Ingestion:

If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Serious Ingestion: Not available.

ce of static discharge: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: these products are carbon oxides(CO,CO2),nitrogen oxides(NO.NO2),sulfur oxides(SO2,SO3)

Fire Hazards in Presence of Various Substances:slightly flammable to flammable in presence of heat,Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Slightly explosive in presence of open flames and sparks.Non-explosive in presence of shocks.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: As with most powder,fire is possible at elevated temperatures,when heated to decomposition it emits very toxic fumes.

Special Remarks on Explosion Hazards:

Fine dust dispersed in air in sufficient concentrations and in presences of an ignition source is a potential dust explosion.

Section 6: Accidental Release Measures

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use poisonous powder,stop leak if without risk,Do not get water inside containe,Do not touch spilled material,use water spray to reduce vapors,prevent entry into sewers,basement or confined areas,dike if need,eliminate all ignition source,call for assistance for disposal.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 24°C (75.2°F).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: powder

Odor: Not available

Taste: Sweet. (Slight.)

Molecular Weight: 240.75g/mole

Color: white

pH (1% soln/water): Not available.

Boiling Point: Not available.

Melting Point: 226°C-233°C

Critical Temperature: Not available.

Specific Gravity: Not available.

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Slightly soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, incompatible materials light.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not available.

Special Remarks on Reactivity: sensitive to light..

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals:

Acute oral toxicity (LD50),180mg/kg(Rat)

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: May cause skin irritation. Eyes: Dust can cause eye irritation. Inhalation: This material is a dust or may produce dust. It may cause respiratory tract irritation. Breathing in small amounts of this material during normal industrial handling is not likely to cause harmful effects. Breathing in large amounts may be harmful. Ingestion: May cause digestive tract irritation. Swallowing small amounts during normal industrial handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Symptoms of exposure to this material through inhalation or ingestion may include: mouth and throat irritation, scratchy feeling, and coughing.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation:the products of degradation are less toxic than the product itself..

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: poisonous material

Identification: Toxic powder

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations: No products were found.

Other Regulations: Not available.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):

This product is not classified according to the EU regulations. Not applicable.

HMS :

Health Hazard: 2

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association :

Health: 2

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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