



# LEVATAK SOLUBLE POWDER

**Abbey Animal Health Pty Ltd**  
**SAFETY DATA SHEET**

## Section 1- Identification of Product and Supplier

**Supplier Company Details:** Abbey Animal Health Pty Ltd

**Address:** 16 Voyager Circuit, Glendenning NSW 2761

**Telephone Number:** 02 8088 0720

**Facsimile Number:** 02 8088 0721

**Emergency Number:** Australian Poisons Information Centre: 13 11 26 (24 Hour Service).

### PRODUCT NAME

LEVATAK SOLUBLE POWDER

### PRODUCT USE

For the control of Levamisole susceptible gastrointestinal roundworms of domestic poultry, pigeons, aviary and pet birds, and birds in zoological collections. For use in treatment of roundworm (*Ascaridia* spp.), hairworm (*Capillaria* spp.), caecal worm (*Heterakis* spp.).

## Section 2- Hazards Identification

### Statement of Hazardous Nature

This product is classified as: Classified as hazardous according to the criteria of SWA.

**SUSMP Classification:** S6

**Hazard classification:** Acute Toxicity-Category 4; Acute Toxicity-Category 3; Eye Irritation-category 2A.

**ADG Classification:** None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

**GHS Signal word:**

**Pictogram(s):**



**HAZARD STATEMENT(S):**

H302: Harmful if swallowed.

H311: Toxic in contact with skin.

H319: Causes serious eye irritation.

**PREVENTION STATEMENTS(S):**

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**RESPONSE STATEMENTS(S):**

P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312: Call a POISON CENTRE or doctor/physician if you feel unwell.

P330: Rinse mouth.

P337 + P313: If eye irritation persists: Get medical advice/attention.

**STORAGE STATEMENTS(S):**

P405: Store locked up.

**DISPOSAL STATEMENTS(S):**

P501: Dispose of contents/container in accordance with relevant regulations.

**Section 3- Composition / Information on Ingredients****INGREDIENTS:**

<b>Chemical Name</b>	<b>CAS Number</b>	<b>conc.</b>
Levamisole hydrochloride	16595-80-5	100%

**Section 4- First Aid Measures**

***Call Poisons Information Centre Phone Australia 131 126, if you feel that you may have been poisoned or irritated by this product.***

**SAFETY DIRECTIONS**

Poisonous if swallowed. Will irritate the eyes and skin. May irritate the nose and throat. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When opening the container and preparing product for use and mixing, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves, goggles or safety glasses and disposable dust mask covering mouth and nose. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles or safety glasses and contaminated clothing.

**Eye:** If this product comes in contact with the eyes, wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Inhaled:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

**Skin:** If skin or hair contact occurs: Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

**Ingestion:** if swallowed, do not induce vomiting unless directed by physician. Get medical attention immediately.

## Section 5- Fire Fighting Measures

**Extinguishing media:** Use dry chemical powder, water spray, fog or foam. Do not use water jet.

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

**Combustion products:** Carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub> sulfur oxides (SO<sub>2</sub>, SO<sub>3</sub>).

**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.

**Auto-Ignition Temperature:** Not available.

**Flash Points:** Not available.

**Flammable Limits:** Not available.

## Section 6 - Accidental Release Measures

**Accidental release:** In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. No special recommendations for clothing materials. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that dusts are likely to build up in cleanup area, we recommend that you use a suitable dust mask.

Stop leak if safe to do so and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. Refer to product label for specific instructions. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict

between this SDS and the label, instructions on the label prevail. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

## Section 7 - Handling and Storage

**Precautions for safe handling:** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

**Storage:** Store below 30 °C (Room temperature) in a dry place. Protect from light. Keep container tightly closed.

## Section 8 - Exposure Controls / Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits                      TWA (mg/m<sup>3</sup>)                                              STEL (mg/m<sup>3</sup>)

**Exposure limits have not been established by SWA for this product.**

The ADI for levamisole is set at 0.003 mg/kg/day. The corresponding NOEL is set at 6 mg/kg/day. ADI means Acceptable Daily Intake and NOEL means no-observable-effect-level (Values taken from Australian ADI List, September 2020).

**Biological Limit Values:** No biological limit allocated.

**Engineering Controls:** Use only in well ventilated areas or outdoors.

### ***Personal Protective Equipment:***

**Eye/face protection:** Eye protection is not normally required under normal product. However, if in doubt, wear suitable protective glasses or goggles.

**Skin protection:** This product is not harmful and normal skin protection is not typically required. However, in general, we suggest that you avoid skin contact with all chemical products and wear suitable gloves (preferably elbow length gloves) when skin contact is likely. Wash hands or other exposed areas after handling and use.

**Respiratory protection:** Respiratory protection equipment is recommended under conditions where dusts are likely to build up in an area where this product is being used.

## Section 9 - Physical and Chemical Properties

<b>Appearance</b>	White crystalline powder
<b>Odour</b>	Not available
<b>Vapour Density</b>	Not Available
<b>Solubility (Water)</b>	Very slightly Soluble
<b>Vapour Pressure</b>	Not Available
<b>Partition Coefficient</b>	Not Available
<b>Auto-Ignition Temperature</b>	Not Available
<b>Decomposition Temperature</b>	Not Available
<b>Viscosity</b>	Not Available
<b>Explosive Properties</b>	Not Available
<b>Oxidising Properties</b>	Not Available
<b>Odour Threshold</b>	Not Available

## Section 10 - Stability and Reactivity

**Chemical stability:** Stable under recommended conditions of storage.

**Possibility of hazardous reactions:** Polymerization is not expected to occur.

**Conditions to avoid:** Avoid heat, sparks, open flames and other ignition sources.

**Incompatible materials:** Incompatible with oxidising agents.

**Hazardous decomposition products:** May evolve carbon oxides and hydrocarbons when heated to decomposition.

## Section 11 - Toxicological Information

### Acute toxicity Information available for the product:

Poisonous if swallowed. This product is used in veterinary applications. Use safe work practices to avoid eye contact, prolonged skin contact and ingestion. Refer to medical doctor/specialist for advice regarding adverse side effects.

### Information available for the ingredient(s):

Ingredient	Oral Toxicity (LD50)
LEVAMISOLE HYDROCHLORIDE	180 mg/kg/day (rat)

**Chronic Effects on Humans:** DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/ female [POSSIBLE.] May cause damage to the following organs: blood, lungs, immune system, central nervous system (CNS).

**Other Toxic Effects on Humans:** Hazardous in case of ingestion, of inhalation. Slight ly hazardous in case of skin contact (irritant).

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** May cause adverse reproductive effects. May affect genetic material (mutagenic).

**Special Remarks on other Toxic Effects on Humans:**

**Acute Potential Health Effects:**

**Skin:** May cause skin irritation.

**Eyes:** May cause eye irritation.

**Inhalation:** May be harmful if inhaled. May cause respiratory tract and mucous membrane irritation.

**Ingestion:** Harmful if swallowed.

May cause gastrointestinal/digestive tract irritation with stomatitis, nausea, vomiting, abdominal pain, constipation, diarrhea, flatulence, dyspepsia. It may also affect the blood (leukopenia, normocytic anemia, thrombocytopenia, anemia, granulocytopenia, epistaxis), behavior / central nervous system (dizziness, tremor, convulsions, headache, paresthesia, ataxia, somnolence, depression, nervousness, insomnia, anxiety, forgetfulness, inability to concentrate), vision (abnormal tearing, blurred vision, conjunctivitis), liver (hyperbilirubinemia), respiration. Other symptoms may include taste perversion, altered sense of smell, arthralgia, myalgia, fatigue, fever, rigors, chest pain, and edema.

**Chronic Potential Health Effects:**

**Ingestion:** Prolonged or repeated ingestion may affect metabolism and cause anorexia, blood (symptoms similar to acute ingestion), respiration (dyspnea), and kidneys (renal failure, tubular necrosis), skin/immune system (dermatitis, rash, alopecia, pruritus, skin discoloration, urticaria).

## Section 12 - Ecological Information

**Toxicity:** Dangerous to fish. Do not contaminate dams, rivers, streams or other waterways with the product or used containers.

Ingredient	End point	Test duration (hr)	Species	Value
Levamisole hydrochloride	EC50	384	Crustacea	1.967mg/L
	EC50	96	Algae or other aquatic plants	17.231mg/L
	LC50	96	Fish	8.038mg/L

## Section 13 - Disposal Considerations

**Disposal:**

Single-rinse or shake container into the medicated water. Do not dispose of undiluted chemicals on-site. Puncture bag and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the container 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in

compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

### **Section 14 - Transport Information**

No specific transport considerations apply since *LEVATAK SOLUBLE POWDER* is NOT classified as a dangerous good according to Australian Dangerous Goods (ADG) Code.

### **Section 15 - Regulatory Information**

**Poisons Schedule: 6**

**APVMA Approval Number: 88799**

**Approved pack size: 120g, 500g, 1kg, 25kg**

*For more information please refer to the APVMA approved product label*

### **Section 16 – Other Information**

*Abbey Animal Health Pty Ltd*

*Telephone Number: 02 8088 0720*

*Facsimile Number: 02 8088 0721*

**Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).**

*This Safety Data Sheet (SDS) summarizes our best knowledge of the health and safety hazard information of the product according to the GHS requirements and how to safely handle and use the product in the workplace.*

*Each user must review this SDS in the context of how the product will be handled and used in the workplace.*

*If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.*