

1. Identification

Common Name/
Trade Name: **Expel-P**
Material Uses: Aquarium Anthelmintic Treatment

Revision Date: August 28, 2019

Product Number: N/A

Supplier: FRITZ INDUSTRIES, INC.
500 N. SAM HOUSTON ROAD
MESQUITE, TX 75149

In Case of Emergency:

Weekdays: CHEMTREC
(Monday – Friday 8-5): (7 days a week, 24 hours a day)
(972) 329-8800 (800) 424-9300
(800) 955-1323

2. Hazard(s) Identification

Classification: Acute Toxicity, Oral, Category 4.

Labeling:

Symbol:



Signal Word: WARNING

Hazard Statement: H302 Harmful if swallowed.

Precautionary Statements: P102 Keep out of reach of children.
P233 Keep container tightly closed.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P281 Use personal protective equipment as required.
P301 + P312 IF SWALLOWED: call a Poison Center or doctor/physician if you feel unwell.
P330 Rinse mouth.
P501 Dispose of contents/container in accordance with local, state, and/or federal regulations.

Other Hazard
Information:

Physical/Chemical Hazards: No additional hazards.
Health Hazards: No additional hazards.
Environmental Hazards: No additional hazards.

3. Composition and Information on Ingredients

<u>Chemical Identity</u>	<u>Classification</u>	<u>Numbers of Identity</u>	<u>% by Weight</u>
Levamisole HCl	H302	CAS# 16595-80-5	<12

4. First Aid Measures

Inhalation:	If inhaled, remove to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical attention. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
Skin Contact:	In case of contact, remove contaminated clothing and rinse contact areas with soap and water. Launder contaminated clothing before reuse. If irritation develops and persists, seek medical attention.
Eye Contact:	In case of contact, immediately rinse eyes with water for a minimum of 15 minutes, keeping eyelids open. If irritation develops and persists, seek medical attention.
Ingestion:	If swallowed, remove from mouth and rinse with water. Do not induce vomiting unless directed by medical personnel. Seek immediate medical attention.

5. Fire and Explosion Data

General Information:	Product is not considered flammable or combustible.
Suitable Extinguishing Media:	Use suitable media to extinguish surrounding fire.
Unsuitable Extinguishing Media:	None known.
Specific Hazards in Case of Fire:	Irritating fumes may be released from thermal decomposition.
Special Protective Equipment and Precaution for Fire Fighters:	Full protective clothing and approved self-contained breathing apparatus required for fire personnel.

6. Accidental Release Measures

Personal Precautions:	Avoid skin and eye contact. Avoid breathing dust. Use appropriate protective equipment, see section 8.
Environmental Precautions:	Prevent from entering sewers and waterways.
Methods and Materials for Containment and Cleaning Up:	Ventilate area. Isolate and contain spill. Use dry methods to collect spilled materials. Avoid generating dust. Place material in suitable container for reclamation or disposal.

7. Handling and Storage

Precautions for Safe Handling:	For aquarium use only. Avoid direct skin and eye contact with material. Avoid breathing dust. Use proper personal protective equipment, see section 8. Wash exposed areas thoroughly after handling. Do not eat, drink or smoke while using this product.
Conditions for Safe Storage, including Incompatibilities:	Keep container tightly closed. Store in a cool, dry, well-ventilated area away from direct sunlight. Do not store with acids, alkalis, oxidizing agents, reducing agents and flammable materials.

8. Exposure Controls/Personal Protection

Exposure Limits:

Component Name (CAS-No.)	Reference	Limit Values
Levamisole HCl CAS# 16595-80-5	ACGIH (TWA)	Not established
	NIOSH (REL)	Not established
	OSHA (PEL)	Not established

Ventilation:	Use local exhaust ventilation or other engineering controls to keep airborne dust levels below exposure limits.
Respiratory Protection:	Respiratory protection not required in normal conditions. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Use a MSHA/NIOSH certified respirator that meets with OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements.
Eye Protection:	Safety glasses with side shields or goggles.
Skin Protection:	Chemical resistant gloves.

9. Physical and Chemical Properties

Flashpoint:	Not determined	Lower Flammability Limit:	Not determined
Auto ignition Temperature:	Not determined	Upper Flammability Limit:	Not determined
Boiling Point:	Not determined	Specific Gravity:	Not determined
Melting Point:	Not applicable	% Volatile:	Not determined
Vapor Pressure, mm _{Hg} :	Not determined	Evaporation Rate (Water=1):	Not determined
Vapor Density (air=1):	Not determined	Viscosity:	Not determined
%Solubility in Water:	Soluble	Octanol/Water Partition Coefficient:	Not determined
Pour Point:	Not determined	pH:	Not determined
Odor/Appearance:	Not determined		

10. Stability and Reactivity Data

Chemical Stability:	Product is stable under recommended conditions of storage and use.
Possibility of Hazardous Reactions:	None known.
Conditions to Avoid:	Long term exposure to heat and direct sunlight.
Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition Products:	None known.

11. Toxicological Information

Routes of Exposure:	Eye contact, skin contact, and ingestion.
Acute Toxicity:	ATE LD ₅₀ : 1,500 mg/Kg, oral, rat (by calculation) Dermal LD ₅₀ : No data available. Inhalation LC ₅₀ : No data available.
Skin Corrosion/Irritation:	No data available.
Serious Eye Damage/Irritation:	No data available.
Respiratory/Skin Sensitization:	No data available.
Germ Cell Mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive Toxicity:	No data available.
STOT, SE:	No data available.
STOT, RE:	No data available.
Other Chronic Effects:	No known effects from chronic exposure.

12. Ecological Information

Persistence and Degradability:	No data available.
Bio-accumulative Potential:	No data available.
Mobility:	No data available.
Aquatic Toxicity:	

Test	Results	Comments
Acute Toxicity	No data available	

13. Disposal Considerations

Waste Disposal:	Whatever cannot be saved for reclamation should be disposed in accordance with local, state, and federal regulations.
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14. Transport Information

US DOT:	Not regulated
IATA:	Not regulated
IMDG:	Not regulated

15. Other Regulatory Information

Inventory Status:	Components are listed in TSCA inventory or are exempt.
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US Regulations:

SARA 302 EHS Chemicals:	This material does not contain any SARA 302 extremely hazardous substances.
SARA (311/312) Hazard Categories:	Acute Health Hazard.
SARA 313:	This material does not contain any SARA 313 chemicals.
EPA CERCLA/Superfund Reportable Spill Quantity:	This material does not contain any CERCLA regulated chemicals.
California Proposition 65:	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information**Abbreviations and Acronyms:**

ACGIH: American Conference of Governmental Industrial Hygienists
ATE: Acute Toxicity Estimate
CAS: Chemical Abstract Service
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
EHS: Extremely Hazardous Substances
EPA: Environmental Protection Agency
GHS: Globally Harmonized System
HMIS: Hazardous Materials Identification System
IATA: International Air Transport Association
IMDG: International Maritime Dangerous Goods
LC₅₀: Lethal Concentration at 50% maximal effect
LD₅₀: Lethal Dose at 50% maximal effect
mg/m³: Milligrams per Cubic Meter
NFPA: National Fire Protection Association
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
PPE: Personal Protective Equipment
PPM: Parts per Million
REL: Recommended Exposure Limit
SARA: Superfund Amendments and Reauthorization Act
STEL: Short-term exposure limit
STOT, RE: Specific Target Organ Toxicity, Repeated Exposure
STOT, SE: Specific Target Organ Toxicity, Single Exposure
TSCA: Toxic Substances Control Act
TWA: Time weighted average

Additional Information:

HMIS (U.S.A.): Health 1, Flammability 0, Reactivity 0, Protective Equipment b
NFPA (U.S.A.): Health 1, Flammability 0, Reactivity 0

Prepared By: Michael Carlo**Preparation Date: August 28, 2019**Disclaimer

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End of SDS