

MATERIAL SAFETY DATA SHEET
PRODUCT: MICROBE-LIFT PraziQuantel

SECTION I: IDENTIFICATION

Manufactures Name: Ecological Laboratories, Inc.
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Cape Coral, FL 33909
Emergency Telephone: (800)424-9300 (outside the U.S.A. (202) 483-7616 collect)
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SECTION II: COMPOSITIONS/ INGREDIENTS

Synonyms: 2-(cyclohexylcarbonyl) - 1,2,3,6,7, 11 b-hexahydro - 4H - pyrazino
[2,1 - a] - isoquinolin - 4 -one
Chemical Family: Isoquinolines
Formula CAS No.: 55268-74-1
Molecular Weight: 312.41
Hazardous Ingredients: This product is not classified as hazardous.
Other Ingredients: None
Chemical Formula: $C_{19}H_{24}N_2O_2$

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance and Odor: White to yellowish-white crystalline powder; odorless to mild odor
Boiling Range: N/A
Specific Gravity: N/D
Vapor Pressure at 20 C (in mm of Hg): N/D
Vapor Density (air =1): N/D
Solubility in Water: 0.04 g/ 100 mL
Evaporation Rate (n-butanol = 1): N/A
% Volatiles: 0 %

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Lower Flammability Limits (% in air): N/D
Flash Point and methods: N/D
Flammability Classification: N/A
Recommended Extinguishing Media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.
Special Fire Fighting Procedures: None required
Usual Fire/ Explosive Hazards: None

SECTION V: REACTIVITY DATA

Stability: Stable.
Conditions to Avoid: Do not allow contact with strong oxidizer (e.g. potassium permanganate, chlorates or hypochlorite (bleach))

Incompatibility (materials to avoid): None.
Hazardous Decomposition or byproducts: Carbon monoxide, carbon dioxide and nitrogen oxides
Hazardous Polymerization: Will not occur.

SECTION VI: HEALTH HAZARD DATA

Threshold Limit Value: N/D
Effects of Overexposure: Dizziness or drowsiness
Emergency First Aid Procedures:
Inhalation: Remove to fresh air. If breathing becomes difficult, call a physician.
Skin contact: Immediately flush skin with soap and copious amounts of water.
Eye contact: Flush with copious amounts of water for at least 15 minutes while separating the eyelids with fingers. Call a physician.
Ingestion: Wash out mouth with water provided patient is conscious. Call a physician.

Federal, State & International Warnings:

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Praziquantel.

California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Praziquantel.

California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: Praziquantel.

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Not controlled under WHMIS (Canada).

This product is not classified according to the EU regulations

SECTION VII: PRECAUTIONS FOR SAFE HANDLING, USE AND DISPOSAL

In Case of Fire: Use appropriate extinguishing procedures and approved protective clothing and breathing apparatus.
In Case of Spill or Accidental Release: Contact a licensed professional waste disposal service for large spills (> 25 kg)
Waste Disposal Procedures: For smaller spills sweep up and remove to an approved disposal facility. Spill of less than 1 kg can be rinsed to the local sanitary sewer. Wastes may be burned in a suitable incinerator equipped with an afterburner and scrubber.

SECTION VIII: CONTROL MEASURES

Respiratory Protection: Recommended
Local Exhaust: Recommended
Protective Gloves: Recommended
Eye Protection: Recommended
Other Protective Equipment: None

SECTION IX: ADDITIONAL PRECAUTIONS:

- (1) Person with preexisting skin disorders or eye irritation should avoid contact with eyes and skin.
- (2) Keep container upright and tightly closed when not in use.
- (3) Do not add any other materials to the container (including unused of material originally removed from the container).

The data and recommendations presented herein are based upon research of others and are believed to be accurate. However, no warranty is expressed or implied regarding these data or the results to be obtained from use thereof. Ecological Laboratories, Inc. assumes no responsibility for the injury to customers or third persons

proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, since actual use by others is beyond our control, no guarantee, expressed or implied, is made by Ecological laboratories, Inc. as to the effect of such use, the results to be obtained or the safety and toxicity of the product, not does Ecological Laboratories, Inc. assume any liability arising out of use, misuse, by others, of the product referred to herein. Information provided herein is provided by Ecological Laboratories, Inc. solely for customer's assistance in complying with the Occupational Safety and Health Act of 1970 and regulations thereunder. Any other use is prohibited.