

# CM2 Flea & Tick Shampoo

## PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Animal Pharmaceuticals CM2 Flea & Tick Shampoo

**PRODUCT DESCRIPTION:** A Flea & Tick Shampoo for Dogs & Cats

**PRODUCT CODE:** 051921, EPA REG. NO. : 1021-1723

**ACTIVE INGREDIENT(S):** Pyrethrins; Piperonyl Butoxide; MGK®-264 (N-Octyl Bicycloheptene Dicarboximide)

### MANUFACTURER

McLaughlin Gormley King Company  
8810 10th Avenue North  
Minneapolis MN 55427

**Product Stewardship:**

**Alternate Emergency Phone:**

**Service Number:**

**Alternate Customer Service:** (800-558-9934)

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC U.S. and CANADA:**(800) 424-9300

**CHEMTREC All Other Areas:**(703) 527-3887

**Emergency Phone:**(888) 740-8712

### COMMENTS:

For information regarding MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call 24 hours a day at 1-888-740-8712.

## HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** WARNING. Causes substantial but temporary eye injury. Harmful if inhaled. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors or spray mists of this product. Wear OSHA-approved safety glasses with side-shields, safety goggles, or a full face-shield.

**OSHA-COMBUSTIBLE LIQUID.** Do not use or store near heat, sparks, open flame, or any other ignition sources.

### POTENTIAL HEALTH EFFECTS

**EYES:** Causes substantial but temporary eye injury.

**SKIN:** Can cause skin irritation. Can cause a burning or prickling sensation on more sensitive areas (face, eyes, mouth).

**SKIN ABSORPTION:** May be harmful if absorbed through the skin. **INGESTION:** May be harmful if swallowed.

**INHALATION:** Harmful if inhaled.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**CHRONIC EFFECTS:** None known.

**COMMENTS:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

## COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Pyrethrins	0.15	008003-34-7	232-319-8
Piperonyl Butoxide	0.3	000051-03-6	200-076-7
MGK®-264 (N-Octyl Bicycloheptene Dicarboximide)	0.5	000113-48-4	204-029-1
Petroleum Distillates	< 1	064742-47-8	265-149-8
(Trade Secret #1)	< 1	Trade Secret	Secret

**COMMENTS:** Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

### FIRST AID MEASURES

**EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**INGESTION:** If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. DO NOT give **any** liquid to the person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove affected person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**NOTES TO PHYSICIAN:** For skin effects, a highly efficient therapeutic agent for pyrethrin exposure is topical application of tocopherol acetate (Vitamin E).

### FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** 71.1 °C (160°F) TAG Closed Cup **FLAMMABLE CLASS:** OSHA-COMBUSTIBLE LIQUID **EXTINGUISHING MEDIA:** Foam, carbon dioxide or dry chemical.

**HAZARDOUS COMBUSTION PRODUCTS:** Under fire conditions this product will support combustion and may decompose to give off toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides.

**FIRE FIGHTING PROCEDURES:** Treat as an oil fire. Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

## ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

**LARGE SPILL:** Shut off ignition sources. Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Collect product into drums, etc. via drains, pumps, etc. Absorb with appropriate absorbent. Clean spill area of residues and absorbent.

## ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Contains Pyrethrins, which are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state, and federal regulations.

## HANDLING AND STORAGE

**GENERAL PROCEDURES:** Do not use or store near heat, sparks, open flame, or any other ignition sources.

**HANDLING:** Take prudent precautions to avoid contact with skin, eyes, and clothing. ALWAYS wear OSHA-approved safety glasses with side-shields, safety goggles, or a full-face shield when handling this material. Mechanical ventilation should be used when handling this product in enclosed spaces. Wearing a respirator is not normally required when handling this product, but recommended in the absence of proper mechanical ventilation. Do not contaminate water, food or feedstuffs by storage, handling or disposal. Read and observe all precautions and instructions on the label.

**STORAGE:** Store in a cool, dry place. Keep container closed. Do not use or store near heat, sparks, open flame, any ignition sources, or near strong acids, bases, and oxidizers. Emptied containers may retain product residues.

KEEP OUT OF REACH OF CHILDREN.

## EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

#### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

Chemical Name		EXPOSURE LIMITS				Supplier OEL ppm/mg/m3
		OSHA PELACGIH TLV				
		ppm	mg/m3	ppm	mg/m3	
Pyrethrins	<b>TWA</b>	5		5		
Piperonyl Butoxide	<b>TWA</b>	None		None		None
MGK®-264 (N-Octyl Bicycloheptene Dicarboximide)	<b>TWA</b>	None		None		None
Petroleum Distillates (Trade Secret #1)	<b>TWA</b>	None	[1]	200 [1]		100525
	<b>TWA</b>	10		10		None
	<b>STEL</b>	20		20		

#### OSHA TABLE COMMENTS:

#### Skin exposure

**ENGINEERING CONTROLS:** Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear OSHA-approved safety glasses with side-shields, safety goggles, or a full-face shield. **SKIN:** Take prudent precautions to avoid contact with skin and clothing.

**RESPIRATORY:** Wearing a respirator is not normally required when handling this product. Use in well ventilated areas. Take prudent precautions to avoid breathing vapors and/ or spray mists of this product.

**WORK HYGIENIC PRACTICES:** DO NOT SMOKE, EAT, OR DRINK, OR APPLY COSMETICS IN WORK AREA!

Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking, or using the toilet.

#### PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Floral odor.

**APPEARANCE:** Amber liquid.

**pH:** 6.2

**VAPOR DENSITY:** Heavier than air.

**FREEZING POINT:** Not Available

**FLASHPOINT AND METHOD:** 71.1 °C (160°F) TAG Closed Cup **SOLUBILITY IN WATER:** Miscible in water

**SPECIFIC GRAVITY:** 1.070 (Water = 1) at 20°C (68°F) **VISCOSITY #1:** 1100 CPS at 24°C (75.2°F)  
Brookfield **(VOC):** < 1.000 %

## **STABILITY AND REACTIVITY**

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**CONDITIONS TO AVOID:** Not compatible with strong acids or bases. Not compatible with strong oxidizers.

## **TOXICOLOGICAL INFORMATION**

### **ACUTE**

**DERMAL LD50:** > 5000 mg/kg **Notes:** Albino rabbit.

**ORAL LD50:** > 5000 mg/kg **Notes:** Albino rat.

### **INHALATION LC50:**

**Notes:** The Acute Inhalation LC50 of this material places it in EPA Toxic Category III.

**EYE EFFECTS:** Severely irritating to both the unrinsed and rinsed eye. All ocular irritation cleared within 17 days post treatment.

**SKIN EFFECTS:** Moderate irritation at 72 hours. Produced a primary skin irritation index of 4.3

**SENSITIZATION:** Negative; Not considered to be a dermal sensitizer to albino guinea pigs.

**COMMENTS:** None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

Carcinogenicity/ Oncogenicity-Pyrethrum has been tested in chronic feeding studies in mice and rats. Slightly elevated incidences of benign tumors of the thyroid and liver were seen in rats following high doses of Pyrethrum. Further detailed scientific studies into the mechanism causing these responses indicate that these effects in the animals only occur at doses greatly exceeding the likely human exposure levels. Thus, the effects seen in animals are of little relevance to humans.

Marginally higher incidences of benign liver tumors in mice were observed following lifetime high dose exposures to PBO. The significance of these observations is questionable and under review. The doses at which tumors were observed for PBO greatly exceeded potential human exposure from labeled uses. Doses at which these effects were observed greatly exceed anticipated human dietary intake. At anticipated dietary exposure levels, it is highly unlikely that this product will result in carcinogenic effects.

## **ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:** This product is extremely toxic to fish and other aquatic invertebrates.

## DISPOSAL CONSIDERATIONS

### DISPOSAL METHOD: IF EMPTY:

Do not reuse this container. Place in trash or offer for recycling if available. IF PARTLY FILLED:

Call your local solid waste agency for disposal instructions. Never place unused product drain.

**RCRA/EPA WASTE INFORMATION:** This product contains the following RCRA/CERCLA wastes/substances:

Component, RCRA ID#, Cercla RQ: Pyrethrins, N/A, 1 Lb.

## TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Insecticides, Insect or Animal Repellent, Liquid, N.O.S. **PRIMARY**

**HAZARD CLASS/DIVISION:** Non-Hazardous

**REPORTABLE QUANTITY (RQ) UNDER CERCLA:** 1 Lb.

**OTHER SHIPPING INFORMATION:** This material is not regulated as a hazardous material by the DOT in quantities less than 666.7 Lbs. (74.7Gallons).

DOT Shipping name for quantities more than 666.7 Lbs. (74.7 Gallons): Environmentally Hazardous Substance, Liquid N.O.S. RQ (Pyrethrins) 9,UN3082, III **AIR (ICAO/IATA)**

**SHIPPING NAME:** Insecticides, Insect or Animal Repellent, Liquid, N.O.S. **VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Not Available

## REGULATORY INFORMATION

### UNITED STATES

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT) FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes

**313 REPORTABLE INGREDIENTS:** This product contains no SARA Title III Section 313 chemicals that exceed the reporting limits.

### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355).

See Section 13 of this MSDS for the components that are subject to emergency requirements under CERCLA Section 103(a)(40 CFR 302.4).

### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA STATUS:** All chemical substances found in this product comply with the Toxic Substances Control Act's inventory reporting requirements.

## REGULATIONS

### STATE REGULATIONS

#### VOLATILE ORGANIC COMPOUNDS (VOC):

This product contains less than 1% VOC's.

**REVISION SUMMARY:** Revision #: 3 This MSDS replaces the August 31, 2004 MSDS. Any changes in information are as follows: In Section 1 Product Code [ ] Print CHEMTREC Phone Number 24 Hour Emergency Phone Numbers In Section 2 Comments In Section 5 Extinguishing Media Fire Fighting Procedures In Section 9 (Group Field) for Vapor Pressure Density (Group Field) for Melting Point Specific Gravity Method Specific Gravity °F Specific Gravity °C

**HMIS RATINGS NOTES:** We assign HMIS ratings to this product based on the hazards of its ingredients(s). Since the customer is most aware of the applications and conditions of use, he or she must ensure that the proper Personal Protective Equipment is provided, consistent with the information contained in Section's 7 and 8 of this MSDS.

**COMMENTS:** The data contained herein are based on information currently available to McLaughlin Gormley King Company and, to the best of our knowledge, are accurate and based on sound expert opinion. Our statements herein, however, are not to be taken as a warranty or representation for which McLaughlin Gormley King Company assumes legal responsibility.