



## MATERIAL SAFETY DATA SHEET

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Atravet® Tablets  
**Product No.:** PRM060604  
**GHS Product Identifier:** Not applicable  
**Synonyms:** Acepromazine maleate

Molecular Formula: Mixture, not applicable  
Molecular Weight: Mixture, not applicable  
CAS Number: Mixture, not applicable  
Chemical Family: Tranquilizer

**Manufacturer:**  
Boehringer Ingelheim Vetmedica, Inc.  
800 5<sup>th</sup> Street NW  
PO Box 518  
Fort Dodge, IA 50501  
Telephone: (515) 955-4600

**Transportation Emergency:** For Chemical  
Emergency Spill, Leak, Fire, Exposure, or  
Accident Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300  
Outside USA and Canada: +1 703-527-3887  
(collect calls accepted)

**Medical Emergency (24HR):** (866) 638-2226  
**Non-Emergency Telephone:** (800) 821-7467

**Intended Use:** Indicated as an aid in  
restraining dogs and cats during examination,  
controlling nervousness, hyperexcitability,  
vomiting, barking, licking and scratching and  
as a pre-anesthetic agent.

### 2 HAZARDS IDENTIFICATION

#### Emergency Overview

**Physical State:** Solid tablet  
**Color:** Red  
**Odor:** Odorless



**WARNING!****Harmful if swallowed.****For use in dogs and cats only.****Not for human use.****Precautionary Statements:**

Keep only in original container.

Keep at a temperature not exceeding 30° C. (86°F)

Fire-fighting: Use foam, carbon dioxide, dry powder and water fog or material appropriate for surrounding fire.

Avoid contact with eyes, skin and clothing.

Wash thoroughly with soap and water after handling.

Wear suitable gloves and eye/face protection.

Spills: Sweep spilled substance into appropriate waste containers.

In case of accident/exposure or if you feel unwell, seek medical advice immediately (show the label where possible).

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If swallowed, seek medical advice immediately and show this container or label.

In case of contact with eyes, flush with gently flowing fresh water thoroughly.

Dispose of contents and container in accordance with applicable local authority requirements.

Keep out of reach of children.

Keep away from food, drink, and animal feedstuffs.

**Potential Health Effects****Inhalation:** Not expected to be an inhalation hazard with prescribed use.**Eye Contact:** Not expected to be a hazard to the eye with prescribed use. May cause slight eye irritation if exposed. Exposure may cause eye tearing, redness, and discomfort.**Skin Contact:** Not expected to be a hazard to the skin with prescribed use. Prolonged or repeated contact may cause itching, redness, and rash in some individuals or animals.**Ingestion:** Harmful if swallowed. Tranquilizers are potent central nervous system depressants and they can cause sedation with suppression of the sympathetic nervous system. Hypotension can occur. Exposure may cause vomiting, nausea, dizziness, drowsiness or other systemic effects.**Chronic Health Effects:** Can produce prolonged depression or motor restlessness when given in excessive amounts or when given to sensitive animals.**Target Organ(s):** Central nervous system**OSHA Regulatory Status:** Hazardous (exempt)**Environment:** No data available

Chemical Name	EC No.	CAS- No.	Concentration	Classification	Notes
Polyethylene glycol	500-038-2	25322-68-3	75 – 85	----	----
Talc	238-877-9	14807-96-6	10 – 20	----	----
Acepromazine maleate (5, 10, 25 mg)	222-748-9	3598-37-6	5 – 20	Xn; R22	----
Titanium dioxide	236-675-5	13463-67-7	1 – 5	----	----
Calcium stearate	216-472-8	1592-23-0	0.5 – 1.5	----	----

Components not listed are not hazardous or are below reportable limits.

The full texts for all R-Phrases are displayed in Section 16.

#### 4 FIRST AID MEASURES

**General:** Animals or persons developing anaphylactic (life-threatening) reactions, such as difficulty in breathing or unconsciousness, must receive immediate medical attention.

**Inhalation:** Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

**Eye Contact:** Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

**Skin Contact:** Wash with soap and water. Get medical attention if symptoms occur.

**Ingestion:** Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

**Note to Physician:** For use in dogs and cats only. Not for human use. Epinephrine is contraindicated for treatment of acute hypotension caused by phenothiazine derivative tranquilizers since further depression of blood pressure can occur. Other pressor amines, such as norepinephrine or phenylephrine are the drugs of choice. Barbiturates or diazepam may be used for the treatment of seizures associated with overdose.

#### 5 FIRE-FIGHTING MEASURES

**Extinguishing Media:** Extinguish with water spray, dry chemical, carbon dioxide

**Unsuitable Extinguishing Media:** None known

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing.

**Unusual Fire & Explosion Hazards:** None known.

**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides

#### 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear appropriate personal protective equipment (See Section 8).

**Spill Cleanup Methods:** STEPS TO BE TAKEN IF SIGNIFICANT QUANTITIES OF PRODUCT IS SPILLED: Sweep up. Place spillage in appropriate container for waste disposal. Wash contaminated clothing before use.

**Environmental Precautions:** Prevent runoff from entering drains, sewers or streams. Dike for later disposal.

## 7 HANDLING AND STORAGE

**Handling:** HANDLING SIGNIFICANT QUANTITIES OF PRODUCT: Avoid breathing dust. Avoid contact with eyes, skin or clothing. Use adequate ventilation. Wash hand thoroughly after handling.

**Storage:** Keep only in the original container. Store at 15°-30° C (59°-86° F). Store out of direct sunlight. Store away from foodstuffs.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits:

Chemical Name	Source	Type	Exposure Limits	Notes
Polyethylene glycols (as a particulate)	AIHA WEELs	8-HR TWA	10 mg/m <sup>3</sup>	----
Talc, containing no asbestos fibers, respirable fraction	ACGIH	TWA	2 mg/m <sup>3</sup>	Lower respiratory tract irritation
Silicates (less than 1% crystalline silica): Talc (not containing asbestos)	OSHA Z-3	8-HR TWA	20 mppcf	----
Titanium dioxide	ACGIH	TWA	10 mg/m <sup>3</sup>	Lower respiratory tract irritation
Titanium dioxide, total dust	OSHA Z-1	PEL	15 mg/m <sup>3</sup>	----
Stearates (except stearates of toxic metals)	ACGIH	TWA	10 mg/m <sup>3</sup>	Eye, skin and upper respiratory tract irritation
Acepromazine maleate	BIVI	ECL	50 ug/m <sup>3</sup>	----

Where lower governmentally imposed exposure limits exist, such limits should take precedence.

**Engineering Controls:** Not generally required when handling containers. Good ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering

controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Respiratory Protection:** Not generally required when handling containers. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA standard 63 FR 1152, January 8, 1998. Respirator type: NIOSH approved particulate respirator.

**Europe: Wear appropriate personal protective equipment according to the Council Directive 89/686/EEC (4) and the appropriate CEN standards.**

**PERSONAL PROTECTIVE EQUIPMENT:** Not generally required when handling containers. If containers are compromised or exposure to the mixture is likely wear:

**Eye Protection:** Wear safety glasses with side shields (or goggles).

**Hand Protection:** Wear suitable gloves.

**Skin Protection:** Wear lab coat, apron or appropriate clothing to prevent skin contact.

**Hygiene Measures:** Eye bath, washing facilities

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Color:** Red

**Odor:** Odorless

**Odor Threshold:** No data available

**Physical State:** Solid tablet

**pH:** No data available

**Melting Point:** No data available

**Freezing Point:** Not applicable

**Boiling Point:** Not applicable

**Flash Point:** Not applicable; combustible solid

**Flammability Limit – Upper (%):** No data available

**Flammability Limit – Lower (%):** No data available

**Evaporation rate:** Not applicable

**Vapor Pressure:** Not applicable

**Vapor Density (Air=1):** Not applicable

**Viscosity:** Not applicable

**Specific Gravity:** No data available

**Solubility:** Partially soluble in cold water

**Partition Coefficient (n-Octanol/water):** Not applicable

**Autoignition Temperature:** No data available

**Decomposition Temperature:** No data available

## 10 STABILITY AND REACTIVITY

**Stability:** Stable.

**Conditions to Avoid:** High temperatures

**Incompatible Materials:** Strong oxidizing agents, strong acids, strong bases

**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

## 11 TOXICOLOGICAL INFORMATION

### Specified Substances

#### Acute Toxicity

Chemical Name	Test Results
Polyethylene glycol	Oral LD50 (rat): >20 g/kg Dermal LD50 (rabbit): >50 g/kg
Titanium dioxide	Skin irritation (human): 300 ug/3D-I – Mild irritation Oral LD50 (rat): >5000 mg/kg
Acepromazine maleate	Oral LD50 (rat): 400 mg/kg
Talc	Skin irritation (human): 300 ug/3D-I – Mild irritation
Calcium stearate	Oral LD50 (rat): >10 g/kg

#### Listed Carcinogens:

Chemical Name	IARC	NTP	OSHA	ACGIH
Titanium Dioxide	2B: Possible carcinogenic to humans	--	--	--

## 12 ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Persistence and degradability:** No data available

**Mobility in soil:** No data available

**Other adverse effects:** No data available

**Germany WGK:** Polyethylene glycol: ID 279: WGK 1 (slightly water-endangering)

## 13 DISPOSAL CONSIDERATIONS

**General Information:** Dispose of in accordance with local, state, federal, national or international regulations.

**Disposal Methods:** No specific disposal method required. Do not empty into drains. Dispose of this material and its container in a safe way. Do not contaminate water, food, or feed by disposal.

**RCRA Information:** Not applicable

<b>14</b>	<b>TRANSPORT INFORMATION</b>
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**DOT:** Not Regulated

**TDG:** Not Regulated

**ADR/RID:** Not Regulated

**IATA:** Not Regulated

**IMDG:** Not Regulated

<b>15</b>	<b>REGULATORY INFORMATION</b>
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**Canadian Controlled Products Regulations:** This product has been classified according to the hazard criteria of the Canadian Controlled Products Regulations, Section 33, and the MSDS contains all required information.

**WHMIS Classification:** D1B

**Inventory Status**

This material is **not** listed on the following inventories: TSCA, DSL, AICS, EINECS, IECSC, ENCS, PICCS, KECI, and NZIoC. Therefore, it can only be used for TSCA exempt purposes such as R&D or veterinary use.

**US Regulations**

**FEDERAL LAW RESTRICTS THIS DRUG TO USE BY OR ON ORDER OF LICENSED VETERINARIANS.**

**CERCLA Hazardous Substance List (40 CFR 302.4):** None listed.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):** None listed.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3):** None listed.

**SARA Title III**

**Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):** None listed.

**Section 311/312 (40 CFR 370):**

Acute (Immediate)    
  Chronic (Delayed)    
  Fire    
  Reactive    
  Pressure Generating

**Section 313 Toxic Release Inventory (40 CFR 372):** None listed.

**State Regulations**

**California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** None listed.

**Massachusetts Right-To-Know List:** Titanium dioxide dust; Talc

**Minnesota Hazardous Substances List:** Polyethylene glycols; Titanium dioxide; Talc; Stearates

**New Jersey Right-To-Know List:** Titanium dioxide; Talc

**Pennsylvania Right-To-Know List:** Titanium oxide (TiO<sub>2</sub>); Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)

**Rhode Island Right-To-Know List:** Titanium dioxide; Talc (powder or fibrous)

**European Regulations**

**Austria MAK List (Annex I):** Polyethylene glycol; Talc; Titanium dioxide

**Denmark (Annex 3.6):** None listed.

**Germany (Dangerous Substances Ordinance 2004, Annex III):** None listed.

**Norway (List of Dangerous Substance):** None listed.

**Sweden (Annex 3):** None listed.

**Switzerland (Toxins List 1):** Polyethylene glycol; Titanium dioxide; Talc; Calcium stearate

<b>16</b>	<b>OTHER INFORMATION</b>
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**Hazard Ratings**

	Health Hazard	Fire Hazard	Reactivity Hazard
<b>HMIS</b>	2	1	0

	Health Hazard	Fire Hazard	Reactivity Hazard	Special Hazard
<b>NFPA</b>	2	1	0	N/A

\* – Chronic health effect; 0 – Minimal; 1 – Slight; 2 – Moderate; 3 – Serious; 4 – Severe

**EU Symbol and R Phrase Definitions**

Xn – Harmful

R22 – Harmful if swallowed.

**ABBREVIATIONS:**

BIV – Boehringer Ingelheim Vetmedica, Inc.

AIHA – American Industrial Hygiene Association

mppcf – million particles/cubic foot

N/A – Not applicable.

N/E – Not established.

**References:**

1. Atravet® Tablet MSDS and Package Insert. Fort Dodge Animal Health.
2. Ariel WebInsight Regulatory Database. Regulatory Summary for North America, Western Europe, and Global Inventories Database.
3. GHS Manual

**Revision Information:** New MSDS

**Prepared by:** Boehringer Ingelheim Vetmedica, Inc.

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