



MATERIAL SAFETY DATA SHEET

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Equigel™
Product No.: P335-815
GHS Product Identifier: Not applicable

Synonyms: Not available
Molecular Formula: Mixture, not applicable
Molecular Weight: Not applicable
CAS Number: Mixture, not applicable
Chemical Family: Not applicable

Manufacturer:
Boehringer Ingelheim Vetmedica, Inc.
2621 North Belt Hwy
St. Joseph, MO 64506-2002

Emergency Telephone:
Transportation Emergency: (800) 424-9300
Medical Emergency (24HR): (800) 530-5432

Intended Use: Veterinary cleansing lubricant for equines.

Non-emergency Telephone: (800) 821-7467

2 HAZARDS IDENTIFICATION

Emergency Overview

Physical State: Liquid
Color: Clear
Odor: Lightly scented



Veterinary cleansing lubricant for equines.

Not for human use.

Low hazard for usual industrial or commercial handling by trained personnel.

Precautionary Statements:

Fire-fighting: Use water spray, dry chemical, carbon dioxide, foam or material appropriate for the surrounding fire.

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

Spills: Eliminate all ignition sources. Wipe up spilled area and collect for disposal.

In case of accident 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.

Keep out of reach of children.

Keep container closed.

Keep away from heat.

Avoid contact with eyes, skin and clothing.

Wash thoroughly with soap and water after handling.

Wear suitable gloves and eye/face protection.

In case of accident 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, rinse immediately with plenty of water. Get medical attention.

This material and its container must be disposed of in a safe way.

Keep out of reach of children.

Keep away from food, drink, and animal feedstuffs.

Acute effect:

Equigel™ is a special scented veterinary lubricant with detergent properties, to aid in cleansing the skin while minimizing irritation to the skin and membranes.

Precautions/Contraindications:

This product has not been tested for spermicidal activity. Avoid high temperatures. This product has a flash point at 93.3° C (200° F). Material must be preheated before ignition will occur.

Overdosage: None known.

ADVERSE REACTIONS TO PRODUCT: May cause skin or membrane irritation in sensitive individuals or animals.

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. 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: Expected to be a low ingestion hazard. Exposure may cause vomiting, nausea, diarrhea or other systemic effects.

Chronic Health Effects: None known

Target Organ(s): Skin

Potential Physical Effects: None known

OSHA Regulatory Status: Nonhazardous, exempt

Environment: No data available

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	EC No.	CAS- No.	Concentration	Classification	Notes
Propylene glycol	2003380	57-55-6	15 %	---	----
Benzyl alcohol	2028599	100-51-6	3 %	Xn; R20/22	---
Purified water, USP	2317912	7732-18-5	proprietary	---	---
Sulfuric acid, monododecyl ester, ammonium salt.	---	2235-54-3	proprietary	---	---
PVP-K90 (20% aqueous)	---	9003-39-8	proprietary	---	---
4,7-Methano-1H- inden-6-ol, 3a,4,5,6,7,7a- hexahydro-, acetate	---	5413-60-5	proprietary	---	---

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.

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

Ingestion: Seek medical advice.

Note to Physician: Veterinary lubricant. Not for human use.

5 FIRE-FIGHTING MEASURES

Extinguishing Media: Extinguish with foam, carbon dioxide, dry powder and water fog or material appropriate for surrounding fire.

Unsuitable Extinguishing Media: None known

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire-exposed containers cool.

Unusual Fire & Explosion Hazards: Keep away from extreme heat.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide

Flammability Class: IIIB [OSHA 1910.106(a) (18) (ii) (b)]

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 LIQUID IS SPILLED: Eliminate all ignition sources. Wear eye protection, personal protective coverings and gloves. 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 LIQUID: Avoid contact with eyes, skin or clothing. Wash hand thoroughly after handling.

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

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Chemical Name	Source	Type	Exposure Limits	Notes
Benzyl alcohol	AIHA	8-HR TWA	10 ppm	---
Benzyl alcohol	Bulgaria Regulation No. 13	OELs	5.0 mg/m ³	---
4,7-Methano-1H-inden- 6-ol, 3a,4,5,6,7,7a- hexahydro-, acetate	---	---	N/A	---
1,2-Propylene glycol; aerosol only	Ontario	8-HR TWA	10 mg/m ³	---
1,2-Propylene glycol, total vapour and aerosol	Ontario	8-HR TWA	155 mg/m ³	---
Purified water, USP	---	---	N/A	---
PVP-K90 (20% aqueous)	---	---	N/A	---

Sulfuric acid, monododecyl ester, ammonium salt.	---	---	N/A	---
--	-----	-----	-----	-----

Engineering Controls: Not generally required when handling containers or liquid. (See exposure limits). Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions.

Respiratory Protection: Not generally required when handling liquid or 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 organic vapor respirator.

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: Clear

Odor: Lightly scented

Odor Threshold: Not applicable

Physical State: Liquid

pH: 5 - 9

Melting Point: No data available

Freezing Point: No data available

Boiling Point: 43.3° C (110° F)

Flash Point: 93.3° C (200° F)

Flammability Limit – Upper (%): No data available

Flammability Limit – Lower (%): No data available

Evaporation rate: No data available

Vapor Pressure: No data available

Vapor Density (Air=1): No data available

Volatility: 100% @ 200° C

Specific Gravity: 1.029

Solubility: Complete (in water)

Partition Coefficient (n-Octanol/water): No data available

Autoignition Temperature: Not applicable

Decomposition Temperature: No data available

10	STABILITY AND REACTIVITY
-----------	---------------------------------

Stability: Stable

Conditions to Avoid: High temperatures

Incompatible Materials: Strong oxidizing agents

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

11	TOXICOLOGICAL INFORMATION
-----------	----------------------------------

Specified Substances

Acute Toxicity

Chemical Name	Test Results
Benzyl alcohol	Oral LD ₅₀ (rat): 1230 mg/kg Oral LD ₅₀ (rat): 3100 mg/kg Oral LD ₅₀ (mouse): 1580 mg/kg
Sulfuric acid, monododecyl ester, ammonium salt.	Eye Irritation (rabbit): 100 µl/24h – moderate irritation Skin Irritation (rabbit): 500 µl/24h – severe irritation
4,7-Methano-1H-inden-6-ol, 3a,4,5,6,7,7a-hexahydro-, acetate	Skin Irritation (rabbit): 500 mg/24h – moderate irritation

Listed Carcinogens: None

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: Benzyl alcohol: ID No: 216; Class: 1: slightly water-endangering; Poly-1-vinyl-2-pyrrolidon: ID No. 2082; Class: 1: slightly water-endangering; 3a,4,5,6,7, 7a-hexahydro-4, 7-methanoinden-6-ylacetat

13	DISPOSAL CONSIDERATIONS
-----------	--------------------------------

General Information: Dispose of in accordance with local, state and federal 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 storage disposal.

Container: Since emptied containers retain product residue, follow label warnings even after container is emptied.

14 TRANSPORT INFORMATION

DOT: Not regulated

TDG: Not regulated

ADR/RID: Not regulated

IATA: Not regulated

IMDG: Not regulated

15 REGULATORY INFORMATION

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: Noncontrolled, exempt

Inventory Status

Propylene Glycol, USP, Purified Water, USP, Benzyl Alcohol, NF, Ammonium Lauryl Sulfate, and Tricyclodecanyl Acetate are listed on the following inventories: TSCA (USA), AICS (Australia), DSL (Canada), EINECS (Europe), IECSC (China), ENCS (Japan), KECI (Korea), ERMA (New Zealand), and PICCS (Philippines).

20% Aqueous, PVP is listed on TSCA (USA), AICS (Australia), DSL (Canada), IECSC (China), ENCS (Japan), KECI (Korea), ERMA (New Zealand), and PICCS (Philippines). It is not listed on EINECS (Europe) but is listed as a common nomenclature of ingredients employed in cosmetic products (INCI) as amended by Decision 2006/257/EC (OJ (L97)1, 5 Apr 2006).

US Regulations

State Regulations

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

Massachusetts Right-To-Know List: Benzyl alcohol

Minnesota Hazardous Substances List: Benzyl alcohol

New Jersey Right-To-Know List: None

Pennsylvania Right-To-Know List: Benzyl alcohol

European Regulations

Denmark MAL Code-Number: Benzyl alcohol: -1.

Switzerland Toxins List 1: Benzylalcohol: Toxicity Category: 4, ID No: G-1250; Ammonium-dodecyl-sulfat: Toxicity Category: 4, ID No.: G-4154; Polyvinylpyrrolidon: Toxicity Category: None, ID No: G-2780

16	OTHER INFORMATION
-----------	--------------------------

Hazard Ratings

	Health Hazard	Fire Hazard	Reactivity Hazard
HMIS	1	2	0

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

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

From Section 3

Xn - Harmful

R20 -Harmful by inhalation.

R22 - Harmful if swallowed.

S2 – Keep out of reach of children.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Mixture -

Not classified as hazardous.

Handle in accordance with good industrial hygiene and safety practice.

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. Equine Product Guide. Boehringer Ingelheim Vetmedica, Inc.
www.bi-vetmedica.com
2. Ariel WebInsight Regulatory Database. Regulatory Summary for North America, Western Europe, and Global Inventories Database.
3. RTECS – Benzyl Alcohol. RTECS No. DN3150000
4. RTECS - Sulfuric acid, monododecyl ester, ammonium salt. RTECS No. WT0825004
5. RTECS - 4,7-Methanoinden-6-ol, 3a,4,5,6,7,7a-hexahydro-, acetate.
RTECS No. PC1210000.
6. GHS Manual

Revision Information: Removed U.S. Regulation prescription veterinary statement from Section 15.

Prepared by: Boehringer Ingelheim Vetmedica, Inc.

Issue Date: 08/15/06

Revision Date: 03/27/07

Disclaimer: The information provided herein is offered by Boehringer Ingelheim Vetmedica, Inc. (“BIV”) in good faith as accurate as of the date hereof, but without guarantee. This

information includes information which has been generated by other parties and provided to BIV, and which BIV has not independently verified. The information provided herein relates only to the specific product designated, and may not be valid where such product is used in combination with any other materials or in any process. The information provided herein is offered solely for your consideration, investigation and verification, and Boehringer Ingelheim Vetmedica, Inc. (“BIV”) expressly disclaims all liability for reliance thereon. **BIV EXPRESSLY DISCLAIMS ALL WARRANTIES OF EVERY KIND AND NATURE (INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) WITH RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT.** In addition, since the conditions of use and suitability of the product for particular uses are beyond BIV’s control, **ALL RISKS OF USE OF THE PRODUCT ARE THEREFORE ASSUMED BY THE USER, AND BIV EXPRESSLY DISCLAIMS ANY AND ALL LIABILITY AS TO ANY RESULTS OBTAINED OR ARISING FROM ANY USE OF THE PRODUCT.** Use or transmission of the information contained herein in any other format than the format as presented is strictly prohibited. Nothing herein shall be construed as permission or recommendation for the use of the product in a manner that might infringe an existing patent. BIV neither represents nor warrants that the format, content or product formulas contained in this document comply with the laws of any other country except the United States of America.

© Copyright 2001 Boehringer Ingelheim Vetmedica, Inc. All rights reserved.