

PRODUCT NAME: IVERMECTIN DRENCH FOR SHEEP (0.08%)

This Material Safety Data Sheet is being provided to your company, for the purpose of providing current health and safety information to your management and employees who work with this product. Please read the data provided and then provide it to those people at your company who have the responsibility to insure compliance with both FEDERAL and STATE Right to Know regulations, and to those employees that request information on this product.

Federal Regulations: Parts 29 and 42 Code of Federal Regulations.**State of Illinois:** Public Act 83-240**SECTION 1 - PRODUCT IDENTIFICATION****Manufacturer:** First Priority, Inc.
1590 Todd Farm Drive
Elgin, IL 60123**Telephone Number:** 800-650-4899
Emergency Number: Chemtrec
800-424-9300**Chemical Family:** Mixture**Formula:** N/A**Hazard Classification:** Toxic (R 22 Toxic if swallowed/ R 52 Harmful to aquatic organisms)**HMIS Rating System:** Health-0/Flammability-0/Reactivity-0**SECTION 2 - HAZARDOUS COMPONENTS**

Ingredient	CAS#	PEL/TLV	Percent
Propylene Glycol	57-55-6	--	20.7% (w/v)
Benzyl Alcohol	100-51-6	--	3.14% (w/v)
Ivermectin	28-36-50	--	0.08% (w/v)

The hazard communication standard requires that such mixtures be assumed to present the same health hazard as do components that constitute as least 1% of the mixture (0.1% for carcinogens) although OSHA has noted that the hazards of individual components may be altered by including them in a mixture. Some of the ingredients of this mixture are a trade secret. NE = not established.

SECTION 3 - PHYSICAL DATA

Boiling Point:	N/A	Specific Gravity:	Approx. 1.0
Vapor Pressure:	N/A	Percent Volatile:	66.0%
Vapor Density:	N/A	Evaporation Rate:	N/A
Solubility in Water:	Miscible	Appearance & Odor:	Pale Yellow Liquid

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SECTION 4 - FIRE & EXPLOSION DATA

Flash Point (Method): 101°C
Estimated Flammable Limits in Air: NE
Extinguishing Media: Water spray/fog, or all purpose dry chemical or CO₂.
Special Fire Fighting Procedures: Must wear MSHA/NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.
Unusual Fire & Explosion Hazards: Oxides of carbon and unidentified pyrogenic substances.

SECTION 5 - HEALTH HAZARD DATA

Effects Of Overexposure

Eyes: Irritating effect.
Skin: No irritating effect
Inhalation: Not an expected route of entry.
Ingestion: Toxic.

Emergency First Aid Procedures:

Eye Contact: Flush eyes with large amounts of water for at least 15 minutes. Consult a doctor.
Skin Contact: Flush with large amounts of water.
Inhalation: Not an expected route of entry. If mist is inhaled, remove from area. If adverse effects occur, contact a doctor with the MSDS.
Ingestion: If swallowed, get immediate medical attention. If swallowed in large quantities, call Poison Control Center immediately. Medical observation for delayed symptoms need to be carried out for up to 48 hours. Treatment is symptomatic.

NOTE TO PHYSICIAN:

Ivermectin is believed to bind to glutamate-gated chloride ion channels; avoid drugs that also interact with other ligand-gated chloride channels, including those which enhance GABA activity in patients with potentially toxic ivermectin exposure (barbiturates, benzodiazepines, valproic acid).
The following symptoms may occur: Overexposure to ivermectin may cause dilated pupils, incoordination, drowsiness, depressed motor activity, slowed breathing, vomiting, anorexia, muscle tremors, headache and dizziness.

SECTION 6 - REACTIVITY DATA

Stability: No decomposition.
Conditions to avoid instability: Oxides of carbon and unidentified pyrogenic substances, strong acids or strong alkali.
Incompatibility: None known.
Hazardous Decomposition Byproducts: None expected at normal temperatures.
Hazardous Polymerization: Will not occur.

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SECTION 7 - SPILL OR LEAK PROCEDURES

Do not contaminate dams, rivers or streams.

Steps To Be Taken In Case Of Large Amount Of Material Is Released Or Spilled:

Absorb with liquid-binding material. Sweep or scoop up and place in chemical waste containers. Do not allow product to reach sewage system or any water source.

Waste Disposal Methods:

Dispose of in accordance with all local, state and federal regulations. Incinerate at an EPA approved incinerator facility.

SECTION 8 - SPECIAL PROTECTION

Respiratory Protection:	Not an expected route of entry.
Ventilation:	Provide sufficient ventilation.
Protective Gloves:	Disposable gloves recommended.
Eye Protection:	Use proper protection - safety glasses, as a minimum.
Other Protective Equipment:	Not normally needed.

SECTION 9 - SPECIAL PRECAUTIONS OR COMMENTS

Special precautions to be taken in handling & storing:	Keep closures tight. Avoid exposure to excessive heat.
Other precautions:	Wash hands thoroughly after handling. Highly toxic to aquatic organisms.

SECTION 10 – TRANSPORTATION DATA

Proper Shipping Name:	None
Identification Number:	N/A
Hazard Class:	None
Packing Group:	N/A
U.S. DPT Labeling Requirements:	None
IATA Class:	N/A
IATA Packing Group:	N/A

Initial Date:	June 17, 2002
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