

SAFETY DATA SHEET



Livestock Wound Care (2% available Iodine)

Item # 10-034

1. SUBSTANCE IDENTITY/COMPANY CONTACT INFORMATION

PRODUCT NAME: BARRIER® Livestock Wound Care

MOLECULAR FORMULA: Mixture

USE: Antiseptic wound spray/coating.

SUPPLIER:

Aurora Pharmaceutical, LLC

1196 South Highway 3

Northfield, MN 55057

TELEPHONE NUMBERS:

Emergency (Chemtrec 24 hours): (800) 424-9300

Information: (888) 215-1256

2. HAZARDS IDENTIFICATION

Signal word: WARNING

Pictograms



HAZARD STATEMENTS

H225 – Highly flammable liquid and vapor

H302 – Harmful if swallowed

H318 – Causes serious eye damage

H335 – May cause respiratory irritation

H370 – Damage to organs

Precautionary statements

P210 – Keep away from heat/sparks

P233 – Keep container tightly closed

P260 – Do not breathe dust/fume/gas/mist/vapor/spray

P270 – Do not eat drink or smoke when using this product

P280 – Wear protective gloves/eye protection when handling this product

P305, P351, P338 – If in eyes; rinse with water for at least 15 minutes. Remove contact lenses. Seek medical attention

OTHER HAZARDS

CARCINOGENIC STATUS: Ingredients are not considered carcinogenic by NTP, IARC, or OSHA.

EFFECTS OF EXPOSURE: May cause eye irritation and minor skin irritation. Exposure to high concentrations may cause irritation, headache, drowsiness, and symptoms of alcohol intoxication. Chronic ingestion of ethanol has been associated with an increase in cancer, liver cirrhosis, and if ingested during pregnancy, congenital malformations.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

3. COMPOSITION/INFORMATION OF INGREDIENTS

Mixture of the substances listed in this section.

INGREDIENT 1

COMMON NAME: SDA 3C Alcohol

% BY WEIGHT: trade secret

CAS NUMBER: 64-17-5 & 67-63-0

INGREDIENT 2

COMMON NAME: Povidone Iodine 30/06

% WEIGHT/VOLUME: 20%

CAS NUMBER: 25655-41-8

INGREDIENT 3

COMMON NAME: Glycerin

% BY WEIGHT: trade secret

CAS NUMBER: 56-81-5

INGREDIENT 4

COMMON NAME: Bitrex - Denatonium Benzoate

% BY WEIGHT: trade secret

CAS NUMBER: 3734-33-6

Additional ingredients are present in < 1% of the formulation and are not considered carcinogens.

4. FIRST AID MEASURES

EYES: Remove contact lenses, if present. Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists, obtain medical attention.

SKIN: Wash off with soap and water. If reaction occurs, seek medical attention.

INHALATION: Move to fresh air.

INGESTION: Contact a physician or poison control center.

5. FIRE FIGHTING MEASURES

FLASH POINT: 16°C (61.9° F) (ethanol).

LOWER EXPLOSION LIMIT (LEL): Not applicable.

UPPER EXPLOSION LIMIT (UEL): Not applicable.

EXTINGUISHING MEDIA: Water, carbon dioxide, alcohol-resistant foam or dry chemical.

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and full-body protective equipment.

UNUSUAL FIRE OR EXPLOSION HAZARDS: None known.

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HAZARDOUS COMBUSTION PRODUCTS:
Carbon monoxide, carbon dioxide, and products of iodine.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

ENVIRONMENTAL PRECAUTIONS: Do not let product enter drains. Do not flush into surface water. Do not flush to groundwater and soil.

METHODS FOR CLEANING UP: Absorb the liquid with suitable material, then transfer into a suitable container for disposal.

7. HANDLING AND STORAGE

HANDLING: Use with adequate ventilation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Launder contaminated clothing before reuse.

STORAGE: Store at room temperature. Store in a dry area away from direct sunlight, heat, and incompatible materials. Protect from freezing and physical damage. Reseal containers immediately after use. Store away from food and beverages. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not required under normal conditions of use.

VENTILATION: Good general ventilation should suffice.

HAND PROTECTION: Not normally required.

EYE PROTECTION: Safety glasses. Care should be taken to avoid accidental exposure.

OTHER PROTECTIVE EQUIPMENT: Not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark brown liquid

Odor: Not available.

pH: NA

Flash Point: 16°C (ethanol)

Auto Ignition Temperature: NA

Boiling Point/Range: NA

Melting Point/Range: NA

Flammability (solid, gas): NA

Upper/Lower Flammability: NA

Vapor Pressure: 59.3 mm Hg (ethanol)

Vapor Density: 1.59 (ethanol)

Density: 0.872 – 0.882

Water Solubility: Soluble

Reactivity in Water: No

Decomposition Temperature: NA

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

PHYSICAL CONDITIONS TO AVOID: Heat - high temperature.

INCOMPATIBILITY WITH OTHER

MATERIALS: Strong oxidizing agents and inorganic acids.

HAZARDOUS DECOMPOSITION PRODUCTS: No data.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

No data is available for the product

TOXICITY FOR POVIDONE IODINE:

LD₅₀ Oral rat: > 4640mg/kg

LD₅₀ Dermal rat: > 2500mg/kg

CHRONIC TOXICITY:

Povidone Iodine: No known chronic effects.

Ethanol: Causes damage to blood, reproductive system, liver, upper respiratory tract, skin, central nervous system.

REPRODUCTIVE/DEVELOPMENTAL

TOXICITY:

Povidone Iodine: Non-teratogenic.

Ethanol: Proven reproductive toxin.

12. ECOLOGICAL INFORMATION

No relevant studies identified. Releases to the environment should be avoided.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with local, state, and federal regulations.

14. TRANSPORT REGULATIONS

Hazard Class: This material is non-hazardous when shipped in containers that are 1 gallon or less.

ORM-D Consumer Commodity

UN-No – UN1170

Proper shipping name: Ethanol

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Hazardous Class: 3

Packing Group: II

15. REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) inventory.

Povidone Iodine: yes

Ethanol: yes

California Proposition 65

Povidone Iodine: no

SDA 3C Alcohol: no

16. OTHER INFORMATION

Revision Date: 12/17/2015

The information and recommendations presented in this SDS are based on sources believed to be accurate. Aurora Pharmaceutical, LLC assumes no liability for the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of the information for their particular purposes.