

# SAFETY DATA SHEET



**BARRIER® Wound Care Spray with Pain Relief**

**Item # 10-036**

## 1. SUBSTANCE IDENTITY/COMPANY CONTACT INFORMATION

**PRODUCT NAME:** BARRIER® Wound Care Spray with Pain Relief

**MOLECULAR FORMULA:** Mixture

**USE:** Antiseptic wound spray/coating.

**SUPPLIER:**

Aurora Pharmaceutical  
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:** DANGER

**Pictograms**



**HAZARD STATEMENTS**

**Flammable Liquid Category 2**

**HAZARD STATEMENTS**

- H225 – Highly flammable liquid and vapor
- H302 – Harmful if swallowed
- H319 – Causes serious eye irritation
- 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:** <80% as ethanol, <5% as Isopropanol  
**CAS NUMBER:** 64-17-5 & 67-63-0

**INGREDIENT 2**

**COMMON NAME:** Povidone Iodine 30/06  
**% BY WEIGHT:** 2% available iodine  
**CAS NUMBER:** 25655-41-8

**INGREDIENT 3**

**COMMON NAME:** Lidocaine  
**% (W/V):** 2%  
**CAS NUMBER:** 137-58-6

**INGREDIENT 4**

**COMMON NAME:** Glycerin  
**% BY WEIGHT:** Trade secret  
**CAS NUMBER:** 56-81-5

**INGREDIENT 5**

**COMMON NAME:** Bitrex Denatonium Benzoate Solution  
**% BY WEIGHT:** Trade secret  
**CAS NUMBER:** 3734-33-6, 57-55-56

## 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:** Do not induce vomiting. Contact a physician or poison control center.

## 5. FIRE FIGHTING MEASURES

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

**LOWER EXPLOSION LIMIT (LEL):** 3.3% by volume in air (ethanol)

**UPPER EXPLOSION LIMIT (UEL):** 19.0% by volume in air (ethanol)

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

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

**SPECIFIC HAZARDS:** Vapors may form explosive mixtures with the air. Vapors may travel to ignition source and flash back. Closed-container rupture risk from heat.

**HAZARDOUS COMBUSTION PRODUCTS:**  
Carbon and nitrogen oxides, and products of iodine.

## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Remove all sources of ignition and use non-sparking tools. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**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. Take precautionary measures against static discharge.

**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. Storage must comply with flammable storage.

## 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.

**OCCUPATIONAL EXPOSURE LIMITS:** Ethanol SDA 3C is a mixture of Ethanol and Isopropanol which was a Permissible Exposure Limit average

for 8 hours shift at 1000ppm and 400ppm respectively.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Dark brown liquid.

**Odor:** Alcohol-like

**pH:** NA

**Flash Point:** 13-17°C (ethanol)

**Auto ignition Temperature:** NA

**Boiling Point/Range:** 78°C (ethanol)

**Melting Point/Range:** NA

**Flammability (solid, gas):** NA

**Upper/Lower Flammability:** 3.3-19.0% (ethanol)

**Vapor Pressure:** NA

**Vapor Density:** NA

**Density:** 0.879 – 0.889 g/mL

**Water Solubility:** Soluble

**Reactivity in Water:** Not reactive

**Decomposition Temperature:** NA

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions.

**PHYSICAL CONDITIONS TO AVOID:** Heat - high temperature, source of ignition.

**INCOMPATIBILITY WITH OTHER**

**MATERIALS:** Strong oxidizing agents and inorganic acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Not known. For hazardous combustion products – see section 5.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**No data is available for the product**

**TOXICITY FOR POVIDONE IODINE:**

LD<sub>50</sub> Oral rat: > 4640mg/kg

LD<sub>50</sub> Dermal rat: > 2500mg/kg

**TOXICITY FOR LIDOCAINE:**

LD<sub>50</sub> Oral rat: 317 mg/kg

**CHRONIC TOXICITY:**

**Povidone Iodine:** No known chronic effects.

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

**Lidocaine:** No data available.

**REPRODUCTIVE/DEVELOPMENTAL**

**TOXICITY:**

**Povidone Iodine:** Non-teratogenic.

**Ethanol:** Proven reproductive toxin.

**Lidocaine:** Non-teratogenic

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## 12. ECOLOGICAL INFORMATION

Povidone Iodine, Ethanol SDA 3C and Lidocaine can be toxic to aquatic life and precautions should be taken to prevent release into the environment. Do not allow product to reach ground water, water course, or sewage system. Danger to drinking water if leaked into the ground. Can be poisonous to fish and plankton. Toxic for aquatic organisms.

## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORT REGULATIONS

Hazard Class: Limited Quantity Transport – This material is non-hazardous when shipped in containers that are 1 liter or less.

UN-No – UN1170

Proper shipping name: Ethanol

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

SARA listed: no

CERCLA listed: no

## 16. OTHER INFORMATION

**Revision Date: 06/12/2026**

The information and recommendations presented in this SDS are based on sources believed to be accurate. Aurora Pharmaceutical 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.