

SAFETY DATA SHEET



BARRIER II® Wound Care Spray with Pain Relief

Item # 10-041

1. SUBSTANCE IDENTITY/COMPANY CONTACT INFORMATION

PRODUCT NAME: BARRIER II® 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 CLASSIFICATIONS

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

% BY WEIGHT: trade secret

CAS NUMBER: 25655-41-8

INGREDIENT 3

COMMON NAME: Lidocaine

% BY WEIGHT: trade secret

CAS NUMBER: 137-58-6

INGREDIENT 4

COMMON NAME: Glycerin

% BY WEIGHT: Trade secret

CAS NUMBER: 56-81-5

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: 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.

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

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source and flask back. Closed-container rupture risk from heat.

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. 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 discharges.

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 or areas where smoking is present. 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 has Permissible Exposure Limit average for 8-hour 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: Not available
Boiling Point/Range: 78°C (ethanol)
Melting Point/Range: Not available
Flammability (solid, gas): Not available
Lower/Upper Flammability: 3.3-19.0% (ethanol)
Vapor Pressure: Not available
Vapor Density: Not available
Density: 0.879 – 0.889g/mL
Water Solubility: Soluble
Reactivity in Water: Not reactive
Decomposition Temperature: Not available

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.
PHYSICAL CONDITIONS TO AVOID: Heat - high temperature, sources of ignition.
INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizing agents and inorganic acids.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, and products of iodine.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

No data is available for the 2% product

TOXICITY FOR POVIDONE IODINE:
 LD₅₀ Oral rat: > 4640mg/kg
 LD₅₀ Dermal rat: > 2500mg/kg

TOXICITY FOR LIDOCAINE:
 LD₅₀ Oral rat: 317mg/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.

12. ECOLOGICAL INFORMATION

Ethanol SDA 3C and Lidocaine can be toxic to aquatic life and precautions should be taken to prevent release

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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: 06/02/2026

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.