

**Safety Data Sheet**  
**Barricade**

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** Barricade  
**PRODUCT CODE:** 5890  
**PRODUCT USE:** Protective Hand Barrier Foam  
**COMPANY NAME:** QuestSpecialty Corporation  
**COMPANY ADDRESS:** PO Box 624 Brenham, TX 77834  
**COMPANY PHONE:** 1-800-231-0454  
**EMERGENCY PHONE:** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Liquefied Gas  
**HAZARD STATEMENT(S): WARNING:** Contains gas under pressure; may explode if heated.  
This product contains the following percentage of chemicals of unknown toxicity: 6%  
**PRECAUTIONARY STATEMENTS:** Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.



**SYMBOL:**  
**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

**SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS**

<b>HAZARDOUS INGREDIENT</b>	<b>CAS NUMBER</b>	<b>PERCENT</b>
Triethanolamine	102-71-6	1-5%
Propane/n-Butane	68476-86-8	5-10%

**SECTION IV - FIRST AID MEASURES**

**EYES:** Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.  
**INGESTION:** Do not induce vomiting unless directed by medical authority. Seek immediate medical attention.  
**INHALATION:** Move to fresh air. If breathing difficulty persists, seek medical attention.  
**SKIN:** First aid is not normally required.  
**ACUTE HEALTH HAZARDS:** None Known  
**CHRONIC HEALTH HAZARDS:** None known  
**NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

**SECTION V – FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Carbon dioxide, standard chemical fire extinguisher, and water fog.  
**UNSUITABLE EXTINGUISHING MEDIA:** N/A  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

**HAZARDOUS COMBUSTION PRODUCTS:** None Known

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.

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**SPILL:** Absorb spill with non-combustible material such as vermiculite, sand or earth.

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.

**RCRA STATUS:** Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

**OTHER PRECAUTIONS:** Keep out of the reach of children.

**INCOMPATIBILITY:** None Known

### SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Triethanolamine	N/A	5 mg/m <sup>3</sup>
Propane/n-Butane	1000 ppm	1000 ppm

**ENGINEERING CONTROLS / VENTILATION:** General ventilation recommended.

**RESPIRATORY PROTECTION:** Not required with normal use.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses should be worn during use.

**ADDITIONAL MEASURES:** Wash hands thoroughly after handling.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** White Foam

**ODOR:** Mild odor

**ODOR THRESHOLD:** N/D

**BOILING POINT:** > 212°F (100°C)

**FREEZING POINT:** N/D

**FLAMMABILITY:** Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)

**FLASH POINT:** N/D

**AUTOIGNITION TEMPERATURE:** N/D

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**VAPOR PRESSURE (mm Hg):** >20

**VAPOR DENSITY (AIR=1):** >10

**EVAPORATION RATE:** 0.3

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.98

**pH:** 8.7

**SOLIDS (%):** 10 - 12 %

**SOLUBILITY IN WATER:** 100%

**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D

**VOLATILITY INCLUDING WATER (%):** 91%

**VOLATILE ORGANIC COMPOUNDS (VOC):** 8%

**DIELECTRIC STRENGTH (Volts):** N/A

**DECOMPOSITION TEMPERATURE:** N/D

**VISCOSITY:** N/D

### SECTION X – STABILITY AND REACTIVITY DATA

**REACTIVITY:** None Known

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Extremes of hot and cold.

**INCOMPATIBILITY:** None Known

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** None Known

**POSSIBLE HAZARDOUS REACTIONS:** None Known

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**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** Propane/n-Butane (68476-86-8) LC<sub>50</sub> (Inhalation, Rat, 4hr) 685 mg/m<sup>3</sup>  
**ROUTES OF ENTRY:** Inhalation, Eyes  
**EYES:** Causes mild irritation.  
**INGESTION:** No toxicity expected with normal use.  
**INHALATION:** Causes dizziness if inhaled directly or exposed to excessive amounts.  
**SKIN:** None under normal use.  
**MEDICAL CONDITION AGGRAVATED:** None known  
**ACUTE HEALTH HAZARDS:** None Known  
**CHRONIC HEALTH HAZARDS:** None known  
**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** Not Established  
**BIODEGRADABILITY:** This product is biodegradable.  
**BIOACCUMULATION:** This product is not expected to bioaccumulate.  
**SOIL MOBILITY:** This product is mobile in soil.  
**OTHER ECOLOGICAL HAZARDS:** None Known

**SECTION XIII – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.  
**RCRA STATUS:** Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950  
**PACKAGING GROUP:** N/A

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950  
**PACKAGING GROUP:** N/A

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**  
**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950  
**PACKAGING GROUP:** N/A  
**ENVIRONMENTAL HAZARDS WATER:** N/A

**SECTION XV - REGULATORY INFORMATION**

**TSCA STATUS:** All Chemicals are listed or exempt.  
**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None  
**SARA 311/312 HAZARD CATEGORIES:** None  
**SARA 313 REPORTABLE INGREDIENTS:** None  
**STATE REGULATIONS:** California Proposition 65: None  
**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

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**NFPA HEALTH:** 1  
**NFPA FLAMMABILITY:** 0  
**NFPA REACTIVITY:** 0  
**NFPA OTHER:** None

**HMIS HEALTH:** 1  
**HMIS FLAMMABILITY:** 0  
**HMIS REACTIVITY:** 0  
**HMIS PROTECTION:** A

### SECTION XVI - ADDITIONAL INFORMATION

**PREPARATION BY:** Jonathon Jarvis

**DATE PREPARED:** 01/13/2014

**REVISION DATE:** 03/24/2015

N/A = Not Applicable; N/D = Not Determined

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