

**Safety Data Sheet**  
Smoke Em

**SECTION I - IDENTIFICATION**

**PRODUCT IDENTIFIER:** Smoke Em  
**PRODUCT CODE:** 4410  
**RECOMMENDED USE:** Insecticide  
**RESTRICTIONS ON USE:** None Known  
**COMPANY NAME:** QuestSpecialty Corporation  
**COMPANY ADDRESS:** P.O. Box 624, Brenham, TX 77834  
**COMPANY PHONE:** 713-896-8188  
**EMERGENCY PHONE:** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Flammable Aerosol: Category 2

Liquefied Gas

Skin Sensitization: Category 1

Aspiration Hazard: Category 1

**HAZARD STATEMENT(S): DANGER:** Flammable Aerosol Contains gas under pressure; May explode if heated. May cause an allergic skin reaction. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 0%

**PRECAUTIONARY STATEMENTS:** Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Avoid breathing fume, mist, vapors or spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. If on skin: Wash thoroughly with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of container in accordance with local, state and/or national regulations.

**SYMBOL:**



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

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

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Propane/n-Butane	68476-86-8	10-30%
Distillates (petroleum), hydrotreated light	64742-47-8	7-13%

**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:** Not a likely exposure route. If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center.

**INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

**SKIN:** Immediately wash with water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek immediate medical attention.

**ACUTE HEALTH HAZARDS:** Eyes: redness, tearing, blurred vision

**CHRONIC HEALTH HAZARDS:** Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function and potential loss of life

**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.

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**SECTION V – FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Not usually needed as product does not readily support combustion. Use media appropriate for fire's fuel source.

**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. Use water spray only to cool exposed containers.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon, various hydrocarbons

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

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

**SPILL:** Absorb with absorbent and Rinse with small amount of soapy water dispose of Clean up with suitable absorbent. If many cans are opened remove ignition sources. Do not allow to drain into sewers or Storm Drains. Dispose of in accordance with local, State and Federal regulations.

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.

**RCRA STATUS:** 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. Store in a cool, dry area. Do not use or store near heat or open flames. Exposure to temperatures above 120 F may cause bursting. Keep out of the reach of children.

**OTHER PRECAUTIONS:** None

**INCOMPATIBILITY:** Strong alkalis, oxidizers, bases, reactive metals, and natural rubber

**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Propane/n-Butane	1000 ppm	1000 ppm
Distillates (petroleum), hydrotreated light	400 ppm	400 ppm

**ENGINEERING CONTROLS / VENTILATION:** General ventilation and local exhaust may be required to meet TLV requirements.

**RESPIRATORY PROTECTION:** Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves

**ADDITIONAL MEASURES:** Wear approved safety glasses or goggles if direct contact is possible.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Off-white liquid emulsion

**ODOR:** Cherry Scent

**ODOR THRESHOLD:** N/D

**pH:** 6-7

**MELTING POINT/FREEZING POINT:** N/D

**INITIAL BOILING POINT AND BOILING RANGE:** > 212°F (100°C)

**FLASH POINT:** None

**EVAPORATION RATE:** <0.8

**FLAMMABILITY(solid/gas):** Flammable Aerosol

**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:**

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**EXPLOSIVE LIMIT LOWER (%):** N/D

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**EXPLOSIVE LIMIT UPPER (%):** N/D  
**VAPOR PRESSURE (mm Hg):** N/D  
**VAPOR DENSITY (AIR=1):** 4.5  
**RELATIVE DENSITY (H<sub>2</sub>O=1):** 0.95-1.0 g/ml  
**SOLUBILITY(IES):** 100%  
**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D  
**AUTOIGNITION TEMPERATURE:** N/D  
**DECOMPOSITION TEMPERATURE:** N/D  
**VISCOSITY:** N/D

### SECTION X – STABILITY AND REACTIVITY

**REACTIVITY:** None Known  
**CHEMICAL STABILITY:** Stable  
**POSSIBLE HAZARDOUS REACTIONS:** None Known  
**CONDITIONS TO AVOID:** Temperatures greater than 122°F and sources of ignition.  
**INCOMPATIBLE MATERIALS:** Strong alkalis, oxidizers, bases, reactive metals, and natural rubber  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon, and other Decomposition products.

### 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:** Eyes, Ingestion, Inhalation, Skin  
**EYES:** May cause irritation.  
**INGESTION:** Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps.  
**INHALATION:** Harmful if inhaled.  
**SKIN:** May cause mild irritation, harmful if absorbed through the skin..  
**MEDICAL CONDITION AGGRAVATED:** Excessive exposure may aggravate respiratory, cardiovascular, pulmonary illnesses, and nervous system disorders.  
**ACUTE HEALTH HAZARDS:** Eyes: redness, tearing, blurred vision  
**CHRONIC HEALTH HAZARDS:** Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function and potential loss of life  
**CARCINOGENICITY: OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

### SECTION XII – ECOLOGICAL INFORMATION

**ECOTOXICITY:** This product is toxic to fish and other aquatic invertebrates. Do not apply directly to water.  
**PERSISTENCE AND DEGRADABILITY:** Component or components of this product are not biodegradable.  
**BIOACCUMULATIVE POTENTIAL:** Components in this mixture can bioaccumulate in aquatic organisms.  
**MOBILITY IN SOIL:** This product is mobile in soil.  
**OTHER ADVERSE EFFECTS:** None Known

### SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.  
**RCRA STATUS:** Product should be fully characterized prior to disposal (40 CFR 261).

### SECTION XIV - TRANSPORT INFORMATION

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

#### AIR SHIPMENT

**PROPER SHIPPING NAME:** Aerosols, flammable  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950

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**PACKING 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

**PACKING 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.

**VOLATILE ORGANIC COMPOUNDS (VOC):** 14.5%

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**CAUTION:** Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin and eyes. In case of contact, immediately flush eyes or skin with plenty of water. Obtain medical attention if irritation persists. Vacate the premises after treatment and ventilate before reoccupying. Do not apply directly to food. In commercial food handling facilities, cover or remove any food or food processing equipment during application. Do not apply while food processing is underway. After space spraying in food processing plants, wash with potable water all equipment, benches, shelving, etc., where exposed food will be handled. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Remove pets and birds, and cover fish aquariums before spraying. Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

EPA Reg. No. 44446-79

**NFPA HEALTH:** 1

**HMIS HEALTH:** 1

**NFPA FLAMMABILITY:** 2

**HMIS FLAMMABILITY:** 2

**NFPA REACTIVITY:** 0

**HMIS REACTIVITY:** 0

**NFPA OTHER:** None

**HMIS PROTECTION:** B

**SECTION XVI - OTHER INFORMATION**

**PREPARATION BY:** Mitch Whitney

**DATE PREPARED:** 04/10/2019

**REVISION DATE:** 4/10/2019

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

**DISCLAIMER:** To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.