

**Safety Data Sheet**  
Big Orange

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** Big Orange  
**PRODUCT CODE:** 5060  
**PRODUCT USE:** Tar & Asphalt Remover  
**COMPANY NAME:** QuestSpecialty Corporation  
**COMPANY ADDRESS:** P.O. Box 624 Brenham, TX 77834  
**COMPANY PHONE:** 800-231-0454  
**EMERGENCY PHONE:** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Flammable Aerosol: Category 1

Liquefied Gas

Aspiration Hazard: Category 1

**HAZARD STATEMENT(S): DANGER:** Extremely Flammable Aerosol. Contains gas under pressure; May explode if heated. 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. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with Federal, State and local regulations

**SYMBOL:**



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

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

<b>HAZARDOUS INGREDIENT</b>	<b>CAS NUMBER</b>	<b>PERCENT</b>
Distillates (petroleum), hydrotreated light	64742-47-8	50- 60%
Propane	74-98-6	10- 15%

**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:** If swallowed, do not induce vomiting. Call a physician or poison control center.

**INHALATION:** Move to fresh air. If not breathing, administer artificial respiration.

**SKIN:** Immediately wash with soap and warm water for 15 minutes.

**ACUTE HEALTH HAZARDS:** Oral: Aspiration risk

**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:** Dry chemical, carbon dioxide, foam, and water spray or fog.

**UNSUITABLE EXTINGUISHING MEDIA:** N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear SCBA in fire situations.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition. Contains flammable propellant.

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**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

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

**SPILL:** Eliminate all sources of ignition. 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:** 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.

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

**INCOMPATIBILITY:** Strong oxidizing agents.

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

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

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

**RESPIRATORY PROTECTION:** Avoid breathing vapor.

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

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

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Liquid, Clear to Slight Tint

**ODOR:** Citrus

**ODOR THRESHOLD:** 1 ppm

**BOILING POINT:** 345°F (174°C)

**FREEZING POINT:** N/D

**FLAMMABILITY:** Extremely Flammable Aerosol

**FLASH POINT:** N/D

**AUTOIGNITION TEMPERATURE:** N/D

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**VAPOR PRESSURE (mm Hg):** N/D

**VAPOR DENSITY (AIR=1):** > 2

**EVAPORATION RATE:** <1

**SPECIFIC GRAVITY (H2O=1):** 0.85 - 0.95

**pH:** N/D

**SOLUBILITY IN WATER:** Miscible

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

**VOLATILE ORGANIC COMPOUNDS (VOC):** 14.64%

**DECOMPOSITION TEMPERATURE:** N/D

**VISCOSITY:** N/D

**SECTION X – STABILITY AND REACTIVITY DATA**

**REACTIVITY:** If exposed to strong oxidizers, presents explosion hazard.

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Temperatures greater than 122°F and sources of ignition.

**INCOMPATIBILITY:** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon

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**POSSIBLE HAZARDOUS REACTIONS:** None Known

**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION: Distillates (petroleum), hydrotreated light (64742-47-8)** LD<sub>50</sub> (Oral, Rat) >5000 mg/kg;  
LD<sub>50</sub> (Dermal, Rabbit) >2000 mg/kg

**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin

**EYES:** Causes irritation, redness, tearing.

**INGESTION:** Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps. Aspiration hazard.

**INHALATION:** May cause dizziness and/or headaches.

**SKIN:** Causes localized defatting, irritation, dermatitis.

**MEDICAL CONDITION AGGRAVATED:** None known

**ACUTE HEALTH HAZARDS:** Oral: Aspiration risk

**CHRONIC HEALTH HAZARDS:** None known

**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION: Distillates (petroleum), hydrotreated light (64742-47-8)** Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility. May adsorb to sediments and possibly cause toxic effects to organisms.

**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:** 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:** Fire Hazard

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**SARA 313 REPORTABLE INGREDIENTS:** None

**STATE REGULATIONS:** California Proposition 65: None

**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

**NFPA HEALTH:** 1

**HMIS HEALTH:** 1

**NFPA FLAMMABILITY:** 3

**HMIS FLAMMABILITY:** 3

**NFPA REACTIVITY:** 1

**HMIS REACTIVITY:** 1

**NFPA OTHER:** None

**HMIS PROTECTION:** B

<b>SECTION XVI - ADDITIONAL INFORMATION</b>
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**PREPARATION BY:** Chioma Agbai

**DATE PREPARED:** 06/10/2013

**REVISION DATE:** 07/31/2017

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

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