

**Safety Data Sheet**  
**Carbon-Off 2.0 Aerosol**

**SECTION I - IDENTIFICATION**

**PRODUCT IDENTIFIER:** Carbon-Off 2.0 Aerosol  
**PRODUCT CODE:** 12219, 12619, 12919  
**RECOMMENDED USE:** Carbon Remover  
**RESTRICTIONS ON USE:** None known.  
**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

Gases Under Pressure: Liquefied Gas

Skin Irritant: Category 2

Eye Irritant: Category 2A

Reproductive Toxicity: Category 2

Specific Target Organ Toxicity (Single Exposure): Category 3

Specific Target Organ Toxicity (Repeated Exposure): Category 2

**HAZARD STATEMENT(S): DANGER:** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. Suspected of damaging fertility or the unborn child. May cause respiratory irritation, drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

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 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Do not touch eyes. Wear protective gloves/protective clothing/eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If eye irritation persists: Get medical help. IF ON SKIN: wash with plenty of water. If skin irritation occurs: Get medical help. Take off contaminated clothing and wash it before reuse. Obtain, read and follow all safety instructions before use. If exposed or concerned, get medical advice. Do not breath mist/vapors/spray. Use only outdoors or in a well-ventilated area. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help if you feel unwell. Dispose of contents and container in accordance with local, state, and national regulations.

**SYMBOL:**



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

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

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Acetone	67-64-1	10-30%
Naphtha (petroleum), light alkylate	64741-66-8	7-13%
Butane	106-97-8	10-30%
Propane	74-98-6	3-7%
Toluene	108-88-3	3-7%

**Trade Secret Information:** A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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**SECTION IV - FIRST AID MEASURES**

**EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**INGESTION:** Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Drink large quantities (1 qt, 2-4 glasses) of water. Seek immediate medical attention.

**INHALATION:** If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

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

**ACUTE HEALTH HAZARDS:** Inhalation of vapors may be narcotic or anesthetic. Liquid or vapors may be irritating to skin and eyes. Aspiration may cause pulmonary edema and pneumonitis.

**CHRONIC HEALTH HAZARDS:** May cause damage to the following organs: kidneys, liver, respiratory, reproductive and central nervous systems.

**NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed toward the control of symptoms and the clinical condition of the patient.

**SECTION V – FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, and alcohol foam.

**UNSUITABLE EXTINGUISHING MEDIA:** Water spray/stream.

**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:** FLAMMABLE. Contents under pressure. Exposure to temperatures above 120 °F may cause bursting.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon and various hydrocarbons.

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

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

**SPILL:** Clean up with rag or use some non-combustible material like vermiculite, sand or earth.

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

**RCRA STATUS:** Waste solvent likely considered U220 (Toluene), 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 area. 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:** Concentrated acid mixtures, oxidizing materials, certain types of plastics, rubber, and coatings.

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

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Acetone	1000 ppm	500ppm
Naphtha (petroleum), light alkylate	Not Established	300 ppm
Butane	Not Established	1000 ppm
Propane	1000 ppm	1000 ppm
Toluene	200 ppm	50 ppm

**ENGINEERING CONTROLS / VENTILATION:** Normal, forced ventilation required. Local exhaust ventilation is generally preferred.

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

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses/goggles and chemical resistant gloves.

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

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**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Colorless to White Misting Cone  
**ODOR:** Acetone odor.  
**ODOR THRESHOLD:** N/D  
**pH:** N/A  
**MELTING POINT/FREEZING POINT:** N/D  
**INITIAL BOILING POINT AND BOILING RANGE:** N/D  
**FLASH POINT:** N/D  
**EVAPORATION RATE:** > 1.  
**FLAMMABILITY (solid/gas):** Extremely flammable aerosol.  
**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:**  
    **LOWER FLAMMABILITY LIMIT:** N/D  
    **UPPER FLAMMABILITY LIMIT:** N/D  
    **EXPLOSIVE LIMIT LOWER (%):** N/D  
    **EXPLOSIVE LIMIT UPPER (%):** N/D  
**VAPOR PRESSURE (mm Hg):** N/D  
**VAPOR DENSITY (AIR=1):** N/D  
**RELATIVE DENSITY (H<sub>2</sub>O=1):** 0.88-0.93 @ 77° F (25°C)  
**SOLUBILITY(IES):** Miscible.  
**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:** None known.  
**INCOMPATIBLE MATERIALS:** Concentrated acid mixtures, oxidizing materials, certain types of plastics, rubber, and coatings.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** **Acetone** (67-64-1): LD<sub>50</sub> (Oral, Rat) 5800 mg/kg; LD<sub>50</sub> (Oral, Mouse) 3000 mg/kg; LD<sub>50</sub> (Oral, Rabbit) 5340 mg/kg; LC<sub>50</sub> (Inhalation, Rat, 8h) 50100 mg/m<sup>3</sup>; LC<sub>50</sub> (Inhalation, Mouse, 4h) 44,000 mg/m<sup>3</sup>. **n-Butane** (106-97-8): LC<sub>50</sub> (Inhalation, Rat, 4h) 30957 mg/m<sup>3</sup>. **Propane** (74-98-6): LC<sub>50</sub> (Inhalation, Rat, 4h) 658 mg/L. **Toluene** (108-88-3): LD<sub>50</sub> (Oral, Rat) > 2000 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) > 8000 mg/kg; LC<sub>50</sub> (Inhalation, Rat) > 12.5 mg/L.  
**ROUTES OF ENTRY:** Ingestion, Inhalation, Skin  
**EYES:** Redness, irritation, causes temporary corneal opacity  
**INGESTION:** May cause nausea, diarrhea, vomiting, depending on the amount ingested.  
**INHALATION:** Causes dizziness, anesthesia, possibly death if breathed directly.  
**SKIN:** Causes severe irritation, localized defatting.  
**MEDICAL CONDITION AGGRAVATED:** Pre-existing conditions of the skin, liver, kidneys, central nervous system (CNS) and respiratory system.  
**ACUTE HEALTH HAZARDS:** Inhalation of vapors may be narcotic or anesthetic. Liquid or vapors may be irritating to skin and eyes. Aspiration may cause pulmonary edema and pneumonitis.  
**CHRONIC HEALTH HAZARDS:** May cause damage to the following organs: kidneys, liver, respiratory, reproductive and central nervous systems.  
**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOTOXICITY:** **Acetone** (67-64-1): LC<sub>50</sub> (*Oncorhynchus mykiss*, 96h) 5540 mg/L; EC<sub>50</sub> (*Daphnia magna*, 48h) 6100 mg/L; EC<sub>50</sub> (*Selenastrum quadricauda*, 8d) 7500 mg/L; EC<sub>50</sub> (*Pseudomonas putida*, 16h) 1700 mg/L. **Toluene** (108-88-3): LC<sub>50</sub> (*Oncorhynchus mykiss*, 96h) 5.8 mg/L; LC<sub>50</sub> (*Pimephales promelas*) 12.6 mg/L; EC<sub>50</sub> (*Daphnia magna*, 48h) 6 mg/L; EC<sub>50</sub> (*Pseudokirchneriella subcapitata*, 72h) 12 mg/L; EC<sub>50</sub> (*Photobacterium phosphoreum*, 30m) 20 mg/L.  
**PERSISTENCE AND DEGRADABILITY:** This product is biodegradable.  
**BIOACCUMULATIVE POTENTIAL:** Component or components in this product are not expected to bioaccumulate.

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**MOBILITY IN SOIL:** Component or components in this product are mobile in soil.

**OTHER ADVERSE EFFECTS:** Component or components of this product are expected to biodegrade over time.

**SECTION XIII – DISPOSAL CONSIDERATIONS**

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

**RCRA STATUS:** Waste solvent likely considered U220 (Toluene), hazardous, under RCRA, however 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:** UN1950

**PACKING GROUP:** N/A

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Aerosols, flammable.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN1950

**PACKING GROUP:** N/A

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Aerosols.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN1950

**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):** Acetone (67-64-1) Reportable Quantity = 5,000 pounds. Toluene (108-88-3) Reportable Quantity = 1000 pounds.

**SARA 311/312 HAZARD CATEGORIES:** Health Hazard and Physical Hazard.

**SARA 313 REPORTABLE INGREDIENTS:** Toluene (108-88-3).

**CLEAN WATER ACT:** None.

**STATE REGULATIONS:** Acetone (67-64-1): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, DE, ID, ME, MA, MN, NJ, PA, RI, WA. **California Proposition 65:**

**WARNING:** This product can expose you to chemicals including Toluene which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**INTERNATIONAL REGULATIONS:** Acetone (67-64-1) Australia, Japan, Korea, United Kingdom, Canada, WHMIS (Canada):

CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2B: Material causing other toxic effects (TOXIC). p. 6; DSCL (EEC): R11- Highly flammable. R36- Irritating to eyes. S9- Keep container in a well-ventilated place. S16- Keep away from ignition sources. S26- In case of eye contact, rinse immediately with plenty of water and seek medical advice.

**VOLATILE ORGANIC COMPOUNDS (VOC):** 62.4%

**NFPA HEALTH:** 2

**NFPA FLAMMABILITY:** 3

**NFPA REACTIVITY:** 0

**NFPA OTHER:** None

**HMIS HEALTH:** 2

**HMIS FLAMMABILITY:** 3

**HMIS REACTIVITY:** 0

**HMIS PROTECTION:** C

**SECTION XVI - OTHER INFORMATION**

**PREPARATION BY:** Craig Bernard

**DATE PREPARED:** 09/18/2024

**REVISION DATE:** N/A

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

## Safety Data Sheet

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**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 of 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.