

Safety Data Sheet
Carbon-Off! 9pk

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Carbon-Off! 9pk

PRODUCT CODE: 109190000

RECOMMENDED USE: Carbon Remover

RESTRICTIONS ON USE: This product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal. After February 3, 2025, this chemical substance (as defined in TSCA section 3(2))/product cannot be distributed in commerce to retailers. After January 28, 2026, this chemical substance (as defined in TSCA section 3(2))/product is and can only be distributed in commerce or processed with a concentration of methylene chloride equal to or greater than 0.1% by weight for the following purposes: (1) Processing as a reactant; (2) Processing for incorporation into a formulation, mixture, or reaction product; (3) Processing for repackaging; (4) Processing for recycling; (5) Industrial or commercial use as a laboratory chemical; (6) Industrial or commercial use as a bonding agent for solvent welding; (7) Industrial and commercial use as a paint and coating remover from safety critical, corrosion-sensitive components of aircraft and spacecraft; (8) Industrial and commercial use as a processing aid; (9) Industrial and commercial use for plastic and rubber products manufacturing; (10) Industrial and commercial use as a solvent that becomes part of a formulation or mixture, where that formulation or mixture will be used inside a manufacturing process, and the solvent (methylene chloride) will be reclaimed; (11) Industrial and commercial use in the refinishing for wooden furniture, decorative pieces, and architectural fixtures of artistic, cultural or historic value until May 8, 2029; (12) Industrial and commercial use in adhesives and sealants in aircraft, space vehicle, and turbine applications for structural and safety critical non-structural applications until May 8, 2029; (13) Disposal; and (14) Export.

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

Corrosive to Metals: Category 1

Skin Corrosive: Category 1B

Eye Damage: Category 1

Carcinogenicity: Category 2

Reproductive Toxicity: 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. May be corrosive to metals. Causes severe skin burns and serious eye damage. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. May cause respiratory irritation, drowsiness or dizziness.

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. Do not breathe fume, mist, vapors, or spray. Do not eat drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Dispose of contents and container in accordance with local, state, and national regulations. Absorb spillage to prevent material damage. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed, concerned, or if you feel unwell: Get medical advice or attention.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

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SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
2-Butoxyethanol	111-76-2	1-3%
Ethyl alcohol	64-17-5	3-7%
Methanol	67-56-1	1-5%
Methylene chloride	75-09-2	40-70%
Toluene	108-88-3	1-5%
Ammonium Hydroxide	1336-21-6	1-5%
Propane/n-Butane	68476-86-8	10-30%

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

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: If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

INHALATION: If inhaled: Remove person to fresh air and keep comfortable for breathing.

SKIN: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

ACUTE HEALTH HAZARDS: Eyes: Severe burns

Skin: Severe burns

Inhalation: Irritation

Oral: abdominal irritation, nausea, vomiting, diarrhea, blindness, and Central nervous system impairment

CHRONIC HEALTH HAZARDS: Possible cancer causing agent and overexposure may also include damage to skin, kidneys, liver, lungs, blood, reproductive or central nervous systems. May cause dizziness, headache, nausea, mental confusion, or visual disturbances.

NOTE TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

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. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: FLAMMABLE. Contents under pressure. Exposure to temperatures above 120 °F may cause bursting.

HAZARDOUS COMBUSTION PRODUCTS: Phosgene and hydrogen chloride gases, oxides of nitrogen and carbon.

SECTION VI – ACCIDENTAL RELEASE MEASURES

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

SPILL: Remove any source of heat, flame, or sparks. Evacuate affected area. Mop up with appropriate absorbent material. Avoid breathing fumes ventilate area. Dispose of residue in accordance with federal, state and local guidelines.

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 likely considered 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. 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: May attack certain plastics, rubber and coatings. Incompatible with strong oxidizers and caustics and chemically active metals such as aluminum, magnesium powder, sodium, potassium and lithium.

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SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
2-Butoxyethanol	50 ppm	20 ppm
Ethyl alcohol	1000 ppm	1000 ppm
Methanol	200 ppm	200 ppm
Methylene chloride	25 ppm	50 ppm
Toluene	200 ppm	50 ppm
Ammonium Hydroxide	50 ppm	25 ppm
Propane/n-Butane	1000 ppm	1000 ppm

ENGINEERING CONTROLS / VENTILATION: Ambient ventilation suitable, forced ventilation should not be required.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

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

ADDITIONAL MEASURES: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Pale Yellow Spray

ODOR: Ammonia.

ODOR THRESHOLD: N/D

pH: N/A

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: > 140°F (60°C)

FLASH POINT: N/D

EVAPORATION RATE: >2

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): >100

VAPOR DENSITY (AIR=1): > 2

RELATIVE DENSITY (H₂O=1): 1.17 @ 77°F (25°C)

SOLUBILITY(IES): 0%

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

AUTOIGNITION TEMPERATURE: N/D

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: 250cps

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: Chemically active metals and acids.

CHEMICAL STABILITY: Stable under recommended storage conditions.

POSSIBLE HAZARDOUS REACTIONS: None known.

CONDITIONS TO AVOID: Excessive heat. Sources of ignition.

INCOMPATIBLE MATERIALS: May attack certain plastics, rubber and coatings. Incompatible with strong oxidizers and caustics and chemically active metals such as aluminum, magnesium powder, sodium, potassium and lithium.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen, phosgene and hydrogen chloride gases.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **Methylene chloride** (75-09-2): LD₅₀ (Oral, Rat) > 2000 mg/kg; LD₅₀ (Dermal, Rat) > 2000 mg/kg; LC₅₀ (Inhalation, Rat) 52000 mg/m³. **Toluene** (108-88-3): LD₅₀ (Oral, Rat) > 2000 mg/kg; LD₅₀ (Dermal, Rabbit) > 8000 mg/kg; LC₅₀ (Inhalation, Rat) > 12.5 mg/L. **Ammonium hydroxide** (1336-21-6): LD₅₀ (Oral, Rat) 350 mg/kg. **2-Butoxyethanol** (111-76-2): LD₅₀ (Oral, Rat) 320 mg/kg; LD₅₀ (Dermal, Rabbit) 440 mg/kg; LC₅₀ (Inhalation, Mice, 4h) 700 ppm. **Ethyl alcohol** (64-17-5): LC₅₀ (Inhalation, Rat, 4h) 133.6 mg/L; LD₅₀ (Oral, Rat) > 8311 mg/kg; LD₅₀ (Dermal, Rabbit) 16972.5 mg/kg. **Methanol** (67-56-1): LD₅₀ (Oral, Rat) 1187-2769 mg/kg; LD₅₀ (Dermal, Rabbit) 17100 mg/kg; LC₅₀ (Inhalation, Rat, 4h) 85.26 mg/L.

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ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes irritation, redness, temporary eye damage.

INGESTION: Causes gastrointestinal irritation, nausea, vomiting, abdominal cramps, dizziness.

INHALATION: May cause respiratory tract irritation, headaches, nausea, vomiting and may cause fatigue. Excessive or prolonged exposure may cause dizziness and unconsciousness.

SKIN: Causes mild irritation, dryness, localized defatting.

MEDICAL CONDITION AGGRAVATED: Excessive exposure will aggravate pre-existing skin disorders, respiratory, liver, kidney, cardiovascular or pulmonary illnesses.

ACUTE HEALTH HAZARDS: Eyes: Severe burns; Skin: Severe burns; Inhalation: Irritation; Oral: abdominal irritation, nausea, vomiting, diarrhea, blindness, and Central nervous system impairment

CHRONIC HEALTH HAZARDS: Possible cancer causing agent and overexposure may also include damage to skin, kidneys, liver, lungs, blood, reproductive or central nervous systems. May cause dizziness, headache, nausea, mental confusion, or visual disturbances.

CARCINOGENICITY: OSHA: Yes ACGIH: A2 - Suspected NTP: 1 - Known Carcinogen IARC: 1 - Human OTHER: CA Prop 65

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Not established.

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: This material is toxic to aquatic life.

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 likely considered 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 (6.1)

UN/NA NUMBER: UN1950

PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, flammable, containing substances in Division 6.1, Packing Group III.

HAZARD CLASS/DIVISION: 2.1 (6.1)

UN/NA NUMBER: UN1950

PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, toxic.

HAZARD CLASS/DIVISION: 2.1 (6.1)

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): Methanol (67-56-1) Reportable Quantity = 5,000 pounds. Methylene chloride (75-09-2) Reportable Quantity = 1,000 pounds. Toluene (108-88-3) Reportable Quantity = 1000 pounds. Ammonium hydroxide (1336-21-6) Reportable Quantity = 1,000 pounds.

SARA 311/312 HAZARD CATEGORIES: Acute Health, Chronic Health.

SARA 313 REPORTABLE INGREDIENTS: 2-Butoxy ethanol (111-76-2). Methanol (67-56-1). Methylene chloride (75-09-2). Toluene (108-88-3). Ammonium hydroxide (1336-21-6).

STATE REGULATIONS: California Proposition 65: WARNING: This product can expose you to chemicals including Dichloromethane (Methylene Chloride), which is known to the State of California to cause cancer, and Methanol, which is known

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to the State of California to cause birth defects or other reproductive harm. For more information go to

www.P65Warnings.ca.gov. **Methylene chloride** (75-09-2): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CT, FL, IL, LA, MA, MI, MN, NJ, NY, PA, RI, TN.

INTERNATIONAL REGULATIONS: Methylene Chloride - 75-09-2 - The components of this product are listed on the chemical inventories of the following countries: Australia - Hazchem. code 2Z, Poison Schedule S5, China, Europe (EINECS), Japan, Korea, Philippines, Canada. **WHMIS (Canada):** Class D-1B material causing immediate and serious toxic effects (toxic). Class D-2A: Material causing other toxic effects (very toxic). **DSCL (EEC): R22** - Harmful if swallowed. R38-irritating to skin. R41-Risk of serious damage to eyes. R45- May cause cancer.

VOLATILE ORGANIC COMPOUNDS (VOC): 27.2%

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NFPA HEALTH: 2
NFPA FLAMMABILITY: 3
NFPA REACTIVITY: 0
NFPA OTHER: None
6.69# Methylene Chloride per case

HMIS HEALTH: 2
HMIS FLAMMABILITY: 3
HMIS REACTIVITY: 0
HMIS PROTECTION: B

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Craig Bernard
DATE PREPARED: 01/27/2014
REVISION DATE: 12/02/2024

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

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