

**Safety Data Sheet**  
Charge

**SECTION I - IDENTIFICATION**

**PRODUCT IDENTIFIER:** Charge  
**PRODUCT CODE:** 2050  
**RECOMMENDED USE:** Drain Cleaner  
**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**

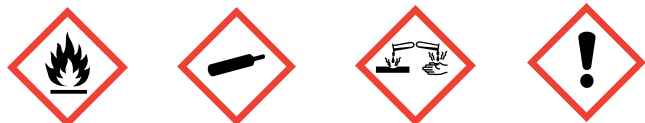
**CLASSIFICATION:** Flammable Aerosol: Category 1  
Gases Under Pressure: Compressed Gas  
Skin Irritant: Category 2  
Eye Damage: Category 1  
Skin Sensitization: Category 1

**HAZARD STATEMENT(S): DANGER:** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation and serious eye damage. May cause an allergic skin reaction.

This product contains the following percentage of chemicals of unknown toxicity: N/A

**PRECAUTIONARY STATEMENTS:** Keep away from heat, sparks, open flames or 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. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor. Avoid breathing mist, vapors or spray. Contaminated work clothing must not be allowed out of the workplace. Wash contaminated clothing before reuse. Dispose of contents and container in accordance with local, state and federal regulations.

**SYMBOL:**



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

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

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
d-Limonene	5989-27-5	80-100%
4-Nonylphenol, branched, ethoxylated	127087-87-0	5-10%
Carbon dioxide	124-38-9	1-5%

**SECTION IV - FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

**INGESTION:** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**INHALATION:** Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

**SKIN:** Immediately wash with soap and water for 15 minutes. Seek medical attention if an allergic reaction occurs or an irritation persists. Remove contaminated clothing.

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**ACUTE HEALTH HAZARDS:** Causes skin irritation including redness, burning and drying/cracking. May cause an allergic skin reaction. Causes serious damage to eyes. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**CHRONIC HEALTH HAZARDS:** Skin disorders, drying and irritation of the skin. May cause skin sensitization.

**NOTE TO PHYSICIAN:** Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

### SECTION V – FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, water spray, alcohol-resistant foam.

**UNSUITABLE EXTINGUISHING MEDIA:** Water jets or streams.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.

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

**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. Wear appropriate personal protective equipment. Clean up using rag or use some non-combustible material like vermiculite, sand or earth. Prevent spill from entering sewers, storm drains and natural waterways. Place waste in proper containers for disposal.

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

**RCRA STATUS:** Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Do not use or store near heat, open flames or other sources of ignition. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Use only with adequate ventilation. Do not use or store with strong oxidizers. 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. Wash hands thoroughly after handling.

**OTHER PRECAUTIONS:** Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

**INCOMPATIBILITY:** Strong acids and bases, oxidizing agents.

### SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
d-Limonene	Not Established	Not Established
4-Nonylphenol, branched, ethoxylated	Not Established	Not Established
Carbon dioxide	5000 ppm	5000 ppm

**ENGINEERING CONTROLS / VENTILATION:** General ventilation and local exhaust recommended.

**RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved organic vapor respiratory protection if used in confined, poorly ventilated areas.

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

**ADDITIONAL MEASURES:** Avoid contact with skin, eyes or clothing. Wear protective clothing to prevent repeated or prolonged contact with product. Do not touch eyes when using this product. Wash hands thoroughly with soap and water after use. Contaminated work clothing must not be allowed out of the workplace. If clothing becomes contaminated, immediately remove and wash. No smoking or open flames.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear, slight yellow tint spray.

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**ODOR:** Citrus.  
**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:** N/D  
**FLAMMABILITY(solid/gas):** Extremely Flammable Aerosol  
**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:**  
**LOWER FLAMMABILITY LIMIT:** N/A  
**UPPER FLAMMABILITY LIMIT:** N/A  
**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):** 0.84 - 0.87 @ 77 °F (25 °C).  
**SOLUBILITY(IES):** N/D  
**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. Avoid incompatible materials.  
**INCOMPATIBLE MATERIALS:** Strong acids and bases, oxidizing agents.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

### SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** **d-Limonene** (5989-27-5): LD<sub>50</sub> (Oral, Rat) 4400 mg/kg; LD<sub>50</sub> (Mouse) 5600 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) 5000 mg/kg. **4-Nonylphenol, branched, ethoxylated** (127087-87-0): LD<sub>50</sub> (Oral) 3314 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) > 3000 mg/kg. **Carbon dioxide** (124-38-9): LC<sub>50</sub> (Inhalation, Rat, 30m) 470,000 ppm.  
**ROUTES OF ENTRY:** Eyes, Inhalation, Skin  
**EYES:** Causes severe irritation, redness, tearing, pain, may cause eye damage.  
**INGESTION:** Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea, vomiting.  
**INHALATION:** May cause respiratory tract irritation, dizziness.  
**SKIN:** May cause irritation, dryness, localized defatting. Repeated prolonged contact may cause allergic reaction in some individuals.  
**MEDICAL CONDITION AGGRAVATED:** Pre-existing disorders of the skin.  
**ACUTE HEALTH HAZARDS:** Causes skin irritation including redness, burning and drying/cracking. May cause an allergic skin reaction. Causes serious damage to eyes. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
**CHRONIC HEALTH HAZARDS:** Skin disorders, drying and irritation of the skin. May cause skin sensitization.  
**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: 3 - Not classifiable OTHER: N/A

### SECTION XII – ECOLOGICAL INFORMATION

**ECOTOXICITY:** Very toxic to aquatic life with long lasting effects. **d-Limonene** (5989-27-5): EC<sub>50</sub> (*Pimephales promelas*, 96h) 688 µg/L; EC<sub>50</sub> (*Daphnia magna*, 48h) 421 µg/L. **4-Nonylphenol, branched, ethoxylated** (127087-87-0): LC<sub>50</sub> (*Pimephales promelas*, 96h) 7.7 mg/L; EC<sub>50</sub> (*Daphnia*, 48h) 21.4 mg/L.  
**PERSISTENCE AND DEGRADABILITY:** No additional information available.  
**BIOACCUMULATIVE POTENTIAL:** No additional information available.  
**MOBILITY IN SOIL:** This product is not mobile in soil.  
**OTHER ADVERSE EFFECTS:** None known.

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**SECTION XIII – DISPOSAL CONSIDERATIONS**

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

**RCRA STATUS:** Waste likely considered D001 (Ignitable waste), 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:** Marine Pollutant.

**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:** Flammable (gases, aerosols, liquids, solids). Gas under pressure. Skin corrosion or irritation. Serious eye damage or eye irritation. Respiratory or skin sensitization.

**SARA 313 REPORTABLE INGREDIENTS:** This product does not contain any chemicals which are subject to the reporting requirements at Title 40 of the Code of Federal Regulations, Part 372.

**CLEAN WATER ACT:** None.

**STATE REGULATIONS: California Proposition 65:** This product does not contain chemicals regulated by California Proposition 65.

**Poly(oxy-1,2-ethanediyl),  $\alpha$ -(4-nonylphenyl)- $\omega$ -hydroxy-, branched (127087-87-0):** Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: ME, MA, MN, NJ.

**INTERNATIONAL REGULATIONS:** Listed or exempt from listing/notification on the following chemical inventories: Domestic Substances List (DSL, Canada). Listed or exempt from listing/notification on the following chemical inventories: Domestic Substances List (DSL, Canada).

**VOLATILE ORGANIC COMPOUNDS (VOC):** 86.2%

**NFPA HEALTH:** 2

**HMIS HEALTH:** 2

**NFPA FLAMMABILITY:** 3

**HMIS FLAMMABILITY:** 3

**NFPA REACTIVITY:** 0

**HMIS REACTIVITY:** 0

**NFPA OTHER:** None

**HMIS PROTECTION:** B

**SECTION XVI - OTHER INFORMATION**

**PREPARATION BY:** Roberto Cerón

**DATE PREPARED:** 08/12/2013

**REVISION DATE:** 03/02/2023

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

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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 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.