

# Safety Data Sheet

BD-20

## SECTION I - IDENTIFICATION

**PRODUCT IDENTIFIER:** BD-20

**PRODUCT CODE:** 2115

**RECOMMENDED USE:** All Purpose Degreaser

**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:** Aerosol Category 2

Eye Irritant: Category 2

Skin Irritant: Category 2

Specific Target Organ Toxicity (Repeated Exposure): Category 2

**HAZARD STATEMENT(S):** **WARNING:** Flammable aerosol. Pressurized container: may burst if heated. Causes skin and serious eye irritation. May cause damage to respiratory tract through prolonged or repeated exposure if inhaled.

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

**PRECAUTIONARY STATEMENTS:** Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Do not breathe mist, vapors or spray. Wash hands thoroughly after handling.

Wear protective gloves and eye protection. IF ON SKIN: Wash with plenty of water. If skin irritation 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. If eye irritation persists: Get medical advice or attention. Store in a well-ventilated place. 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

2-Butoxyethanol

111-76-2

1-5%

Butane

106-97-8

1-5%

4-Nonylphenol, branched, ethoxylated

127087-87-0

1-5%

Ethylenediaminetetraacetic acid (EDTA)

60-00-4

1-5%

Propane

74-98-6

1-5%

Potassium hydroxide

1310-58-3

1-5%

**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:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.

**INGESTION:** Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation develops. Never give anything by mouth to an unconscious person.

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

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

# Safety Data Sheet

BD-20

**ACUTE HEALTH HAZARDS:** Causes skin irritation including redness, burning and drying/cracking. Causes eye irritation including redness, tearing, and pain. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**CHRONIC HEALTH HAZARDS:** Prolonged inhalation may be harmful.

**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:** Use appropriate media for surrounding fire.

**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. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** FLAMMABLE. Contents under pressure. Exposure to temperatures above 122 °F (50 °C) 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. Prevent spill from entering sewers, storm drains and natural waterways. Absorb with non-combustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal. Small releases may be wiped up with wiping material.

**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. Do not inhale mist or vapor. Store in a cool, dry area. 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. Do not use or store with strong oxidizers. 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 oxidizing agents.

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
2-Butoxyethanol	50 ppm	20 ppm
n-Butane	15 mg/3 (total dust)	1000 ppm
4-Nonylphenol, branched, ethoxylated	15 mg/3 (total dust)	Not Established
Ethylenediaminetetraacetic acid (EDTA)	15 mg/3 (total dust)	Not Established
Propane	1000 ppm	1000 ppm
Potassium hydroxide	2 mg/m3	2 mg/m3

**ENGINEERING CONTROLS / VENTILATION:** Local ventilation/exhaust adequate to maintain vapor concentrations below PEL/TLV.

**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:** Avoid contact with skin, eyes or clothing. Avoid breathing spray. Wash hands thoroughly after handling. No smoking or open flames.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear, colorless spray.

**ODOR:** Citrus scent, moderate ammonia odor.

# Safety Data Sheet

BD-20

**ODOR THRESHOLD:** N/D

**pH:** N/A

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

**INITIAL BOILING POINT AND BOILING RANGE:** > 130 °F (54.4 °C).

**FLASH POINT:** N/D

**EVAPORATION RATE:** Slow.

**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

**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):** 0.99 - 1.010 @ 77 °F (25 °C).

**SOLUBILITY(IES):** 100% water.

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

**AUTOIGNITION TEMPERATURE:** N/D

**DECOMPOSITION TEMPERATURE:** N/D

**VISCOOSITY:** 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 (50 °C) and sources of ignition. Avoid incompatible materials.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon.

## SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** **2-Butoxyethanol** (111-76-2): LD<sub>50</sub> (Oral, Rat) 320 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) 440 mg/kg; LC<sub>50</sub> (Inhalation, Mice, 4h) 700 ppm. **Butane** (106-97-8): LC<sub>50</sub> (Inhalation, Rat, 4h) 30957 mg/m<sup>3</sup>. **4-Nonylphenol, branched, ethoxylated** (127087-87-0): LD<sub>50</sub> (Oral) 3314 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) > 3000 mg/kg. **Propane** (74-98-6): LC<sub>50</sub> (Inhalation, Rat, 4h) 658 mg/L. **Potassium hydroxide** (1310-58-3): LD<sub>50</sub> (Oral, Rat) 273 mg/kg.

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

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

**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, headaches, nausea, unconsciousness, central nervous system (CNS) depression.

**SKIN:** May cause mild irritation, localized defatting and dermatitis.

**MEDICAL CONDITION AGGRAVATED:** Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

**ACUTE HEALTH HAZARDS:** Causes skin irritation including redness, burning and drying/cracking. Causes eye irritation including redness, tearing, and pain. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**CHRONIC HEALTH HAZARDS:** Prolonged inhalation may be harmful.

**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: 3 - Not classifiable **OTHER:** N/A

## SECTION XII – ECOLOGICAL INFORMATION

**ECOTOXICITY:** Harmful to aquatic life with long lasting effects. **Potassium hydroxide** (1310-58-3): LC<sub>50</sub> (*Gambusia affinis*, 96h) 80 mg/L. **Ethylenediaminetetraacetic acid (EDTA)** (60-00-4): LC<sub>50</sub> (*Lepomis macrochirus*, 96h) > 1000 mg/L; EC<sub>50</sub> (*Daphnia magna*, 48h, static) 140 mg/L; ErC<sub>50</sub> (*Pseudokirchneriella subcapitata*, 72h) > 300 mg/L; NOEC (*Danio rerio*, 35d, flow-through) 37.2 mg/L; NOEC (*Daphnia magna*, 21d) 25 mg/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. **2-Butoxyethanol** (111-76-2): LC<sub>50</sub> (Fish, 96h) 1370 mg/L; LC<sub>50</sub> (*Menidia beryllina*, 96h) 1250 mg/L.

**PERSISTENCE AND DEGRADABILITY:** This product is biodegradable.

**BIOACCUMULATIVE POTENTIAL:** This product is not expected to bioaccumulate.

**MOBILITY IN SOIL:** This product is mobile in soil.

# Safety Data Sheet

BD-20

**OTHER ADVERSE EFFECTS:** None known.

## 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): Potassium hydroxide (1310-58-3)**

Reportable Quantity = 1,000 pounds. **Ethylenediaminetetraacetic acid (EDTA)** (60-00-4) Reportable Quantity = 5000 pounds.

**Sodium nitrite** (7632-00-0) Reportable Quantity = 100 pounds. **Ammonium hydroxide** (1336-21-6) Reportable Quantity = 1,000 pounds.

**SARA 311/312 HAZARD CATEGORIES:** Flammable (gases, aerosols, liquids, solids). Gas under pressure. Skin corrosion or irritation.

Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure).

**SARA 313 REPORTABLE INGREDIENTS: Certain Glycol Ethers** (Category Code N230).

**CLEAN WATER ACT:** **Potassium hydroxide** (1310-58-3) is a hazardous substance. **Ethylenediaminetetraacetic acid (EDTA)** (60-00-4) is a hazardous substance. **Sodium nitrite** (7632-00-0) is a hazardous substance. **Ammonium hydroxide** (1336-21-6) is a hazardous substance.

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

**2-Butoxyethanol** (111-76-2): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA, RI. **4-Nonylphenol, branched, ethoxylated** (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. **Ethylenediaminetetraacetic acid (EDTA)** (60-00-4): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA. **Potassium hydroxide** (1310-58-3):

Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, IL, LA, MA, MN, NJ, NY, PA, RI. **Sodium nitrite** (7632-00-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, NJ, PA. **Ammonium hydroxide** (1336-21-6): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA.

**INTERNATIONAL REGULATIONS:** Listed or exempt from listing/notification on the following chemical inventories: Australian Inventory of Industrial Chemicals (AIIC, Australia). Domestic Substances List (DSL, Canada). Inventory of Existing Chemical Substances in China (IECSC, China). Existing and New Chemical Substances (ENCS, Japan). New Zealand Inventory of Chemicals (NZIoC, New Zealand). Philippine Inventory of Chemicals and Chemical Substances (PICCS, Philippines). Korea Existing Chemicals Inventory (KECI, South Korea).

**VOLATILE ORGANIC COMPOUNDS (VOC):** 7.8%

**NFPA HEALTH:** 2

**NFPA FLAMMABILITY:** 2

**HMIS HEALTH:** \*2

**HMIS FLAMMABILITY:** 2

**Safety Data Sheet**

BD-20

**NFPA REACTIVITY:** 0  
**NFPA OTHER:** None**HMIS REACTIVITY:** 0  
**HMIS PROTECTION:** B**SECTION XVI - OTHER INFORMATION****PREPARATION BY:** William Bell**DATE PREPARED:** 06/12/2025**REVISION DATE:** N/A

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.