

Safety Data Sheet
Big Red

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Big Red
PRODUCT CODE: 5790
RECOMMENDED USE: High Pressure, Red Spray Grease
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

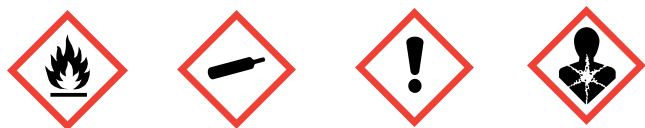
CLASSIFICATION: Flammable Aerosol: Category 1
Gases Under Pressure: Liquefied Gas
Skin Irritant: Category 2
Reproductive Toxicity: Category 2
Specific Target Organ Toxicity (Single Exposure): Category 3
Specific Target Organ Toxicity (Repeated Exposure): Category 2

HAZARD STATEMENT(S): DANGER: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May cause damage to organs (central nervous system, kidney, peripheral nervous system, brain, lungs and reproductive system) through prolonged or repeated exposure.

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

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. Wear protective gloves. 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention. Do not breathe mist, vapors and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. 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 |
|----------------------|------------|---------|
| Hexane | 110-54-3 | 30-40% |
| Propane | 74-98-6 | 15-25% |
| N-Butane | 106-97-8 | 15-25% |

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

INHALATION: Remove to fresh air. If not breathing administer artificial respiration. If breathing is difficult give oxygen. Consult a physician.

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SKIN: Remove contaminated clothes. Wash skin thoroughly with soap and water for 15 minutes. Seek medical attention if irritation develops. Wash contaminated clothing before reuse.

ACUTE HEALTH HAZARDS: Contact with eyes may cause irritation, redness, tearing. Causes skin irritation including redness, burning and drying/cracking. Inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC HEALTH HAZARDS: Excessive exposure may result in peripheral neuropathies due to n-hexane. Symptoms would be sensory numbness and possible motor weakness in extremities. Dermatitis may occur due to long-term irritation. May cause liver and kidney damage.

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

SECTION V – FIRE-FIGHTING MEASURES

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

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. 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: Contents under pressure. Exposure to temperatures above 120 °F may cause bursting. Vapors heavier than air will settle in low lying areas and may travel to source of ignition and flash back. Keep away from heat, sparks, open flames and other sources of ignition.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, aldehydes, various hydrocarbons.

SECTION VI – ACCIDENTAL RELEASE MEASURES

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

SPILL: Eliminate all sources of ignition. 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 contents in accordance with federal, state, and local regulations. Do not dump in sewers.

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: Keep away from heat, open flames, or other sources of ignition. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Store in a cool, dry area. Do not use or store with strong oxidizers. Protect from sunlight. Store in a well ventilated place. 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. 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, strong reducing agents.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

| HAZARDOUS INGREDIENT | OSHA PEL | ACGIH TLV |
|----------------------|-----------------|-----------|
| Hexane | 500 ppm | 50 ppm |
| Propane | 1000 ppm | 1000 ppm |
| N-Butane | Not Established | 1000 ppm |

ENGINEERING CONTROLS / VENTILATION: Material is heavier than air. Material may concentrate in low lying areas. Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.

RESPIRATORY PROTECTION: Not required with adequate ventilation. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves.

ADDITIONAL MEASURES: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin or eyes and avoid breathing vapors. Wash hands after use.

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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Opaque red spray
ODOR: Solvent 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: N/D
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 (H₂O=1): 0.77 - 0.81 @77 °F (25 °C)
SOLUBILITY(IES): N/D
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): 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 incompatibles.
INCOMPATIBLE MATERIALS: Strong oxidizing agents, strong reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **Hexane** (110-54-3): LD₅₀ (Oral, Rat) >5000 mg/kg; LD₅₀ (Dermal, Rabbit) >2000 mg/kg; LC₅₀ (Inhalation, Rat, 4h) >3367 ppm. **Propane** (74-98-6) LC₅₀ (Inhalation, Rat, 4h) 658 mg/L. **n-Butane** (106-97-8) LC₅₀ (Inhalation, Rat, 4h) 30957 mg/m³.
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: May cause burning, irritation, redness, tearing
INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting.
INHALATION: May cause irritation to the respiratory tract, dizziness, headaches, nausea, unconsciousness, central nervous system depression.
SKIN: Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.
MEDICAL CONDITION AGGRAVATED: Excessive exposure will aggravate pre-existing disorders of eyes, skin, respiratory, liver, kidney, cardiovascular system, pulmonary illnesses, or central nervous system.
ACUTE HEALTH HAZARDS: Contact with eyes may cause irritation, redness, tearing. Causes skin irritation including redness, burning and drying/cracking. Inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
CHRONIC HEALTH HAZARDS: Excessive exposure may result in peripheral neuropathies due to n-hexane. Symptoms would be sensory numbness and possible motor weakness in extremities. Dermatitis may occur due to long-term irritation. May cause liver and kidney damage.
CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

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SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Toxic to aquatic life with long lasting effects. Avoid release to the environment.
PERSISTENCE AND DEGRADABILITY: Not readily biodegradable.
BIOACCUMULATIVE POTENTIAL: Components in this mixture can bioaccumulate in aquatic organisms.
MOBILITY IN SOIL: N/D
OTHER ADVERSE EFFECTS: None known.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers.
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: UN 1950
PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, flammable
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950
PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Aerosols
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950
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): Hexane (110-54-3) Reportable Quantity = 5,000 lbs
SARA 311/312 HAZARD CATEGORIES: Flammable (gases, aerosols, liquids, solids). Gas under pressure. Skin corrosion or irritation. Reproductive toxicity. Specific target organ toxicity (single or repeated exposure).
SARA 313 REPORTABLE INGREDIENTS: n-Hexane (110-54-3)
STATE REGULATIONS: California Proposition 65: WARNING: This product can expose you to chemicals including n-Hexane, 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. Hexane (110-54-3): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, NJ, NY, NC, PA, RI, WI.
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); Korean Existing Chemicals Inventory (KECI, Korea); New Zealand Inventory of Chemicals (NZIoC, New Zealand); Philippine Inventory of Chemicals and Chemical Substances (PICCS, Philippines).

VOLATILE ORGANIC COMPOUNDS (VOC): 79%

| | | | |
|---------------------------|------|---------------------------|---|
| NFPA HEALTH: | 2 | HMIS HEALTH: | 2 |
| NFPA FLAMMABILITY: | 3 | HMIS FLAMMABILITY: | 3 |
| NFPA REACTIVITY: | 0 | HMIS REACTIVITY: | 0 |
| NFPA OTHER: | None | HMIS PROTECTION: | B |

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SECTION XVI - OTHER INFORMATION

PREPARATION BY: Roberto Cerón

DATE PREPARED: 08/15/2014

REVISION DATE: 08/02/2021

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

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