

**Safety Data Sheet**  
Non-Chlorinated Brake Cleaner

**SECTION I - IDENTIFICATION**

**PRODUCT IDENTIFIER:** Non-Chlorinated Brake Cleaner  
**PRODUCT CODE:** 809000054-20AR  
**RECOMMENDED USE:** Non-Chlorinated Brake Parts Cleaner  
**RESTRICTIONS ON USE:** None known.  
**COMPANY NAME:** Rope, Soap'n Dope  
**COMPANY ADDRESS:** 1025 Petroleum Parkway, Broussard, LA 70518  
**COMPANY PHONE:** 337-233-4841  
**EMERGENCY PHONE:** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Flammable Aerosol: Category 1  
Gases Under Pressure: Dissolved Gas  
Eye Irritant: Category 2A  
Specific Target Organ Toxicity (Single Exposure): Category 3

**HAZARD STATEMENT(S): DANGER:** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause drowsiness or dizziness.

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 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 advice or attention. Avoid breathing mist, vapors or 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
Acetone	67-64-1	80-90%
Carbon dioxide	124-38-9	5-10%
Heptane	142-82-5	5-10%

**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:** 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. Seek medical attention.

**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:** Wash thoroughly with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

**ACUTE HEALTH HAZARDS:** Prolonged contact with skin may cause irritation. May cause defatting and dermatitis of the skin. Causes eye irritation including redness, tearing, and pain. Inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**CHRONIC HEALTH HAZARDS:** Dermatitis may occur due to long-term irritation. May cause liver and kidney damage.

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**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, foam, and water spray or fog.

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

**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 to cool containers exposed to fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** EXTREMELY FLAMMABLE. Contents under pressure. Exposure to temperatures above 120 °F may cause bursting. Keep away from sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Vapors are heavier than air and can accumulate in low areas. Vapors may travel considerable distance to a source of ignition and flash back.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon, 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. Absorb with non-combustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal. Prevent spill from entering sewers, storm drains and natural waterways.

**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 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. Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Do not use or store with strong oxidizers. 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. 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. Flammable vapors may collect in low lying areas.

**INCOMPATIBILITY:** Strong alkalis, strong oxidizing agents, some plastics, rubber.

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

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Acetone	1000 ppm	250 ppm
Carbon dioxide	5000 ppm	5000 ppm
Heptane	500 ppm	400 ppm

**ENGINEERING CONTROLS / VENTILATION:** Use only outdoors or in a well-ventilated area.

**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:** Avoid breathing spray. Do not touch eyes when using this product. Wash hands thoroughly with soap and water after use. No smoking or open flames.

#### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear, colorless spray

**ODOR:** Aliphatic solvent odor

**ODOR THRESHOLD:** N/D

**pH:** N/A

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**MELTING POINT/FREEZING POINT:** N/D  
**INITIAL BOILING POINT AND BOILING RANGE:** N/D  
**FLASH POINT:** N/D  
**EVAPORATION RATE:** > 3 (Fast)  
**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):** 0.76 - 0.79 @ 77 °F (25 °C).  
**SOLUBILITY(IES):** 0% in water.  
**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 incompatibles.  
**INCOMPATIBLE MATERIALS:** Strong alkalis, strong oxidizing agents, some plastics, rubber.  
**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>. **Heptane** (142-82-5): LD<sub>50</sub> (Oral, Rat) > 15000 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) > 3160 mg/kg; LC<sub>50</sub> (Inhalation, Rat, 4h) 103 mg/L.  
**ROUTES OF ENTRY:** Eyes, Inhalation, Skin  
**EYES:** Causes irritation. May cause conjunctivitis with possible corneal injury.  
**INGESTION:** Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea. Absorption through gastrointestinal tract may produce symptoms of central nervous system depression ranging from light headedness to unconsciousness.  
**INHALATION:** Causes dizziness, headaches, nausea, central nervous system (CNS) depression. Excessive or prolonged exposure may cause unconsciousness.  
**SKIN:** Brief contact is not irritating. May cause irritation, localized defatting, redness, itching with prolonged or repeated contact. Can be absorbed through the skin with prolonged and widespread contact.  
**MEDICAL CONDITION AGGRAVATED:** Excessive exposure will aggravate pre-existing skin disorders, respiratory, liver, kidney, cardiovascular or pulmonary illnesses.  
**ACUTE HEALTH HAZARDS:** Prolonged contact with skin may cause irritation. May cause defatting and dermatitis of the skin. Causes eye irritation including redness, tearing, and pain. Inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
**CHRONIC HEALTH HAZARDS:** Dermatitis may occur due to long-term irritation. May cause liver and kidney damage.  
**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: CA Prop 65

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOTOXICITY:** This material is toxic to aquatic life. **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> (*Psuedomonas putida*, 16h) 1700 mg/L. **n-Heptane** (142-82-5): EC<sub>50</sub> (*Daphnia magna*, 48h) 1.50 mg/L.  
**PERSISTENCE AND DEGRADABILITY:** This product is biodegradable.  
**BIOACCUMULATIVE POTENTIAL:** Components in this mixture can bioaccumulate in aquatic organisms.  
**MOBILITY IN SOIL:** This product is 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 reuse, puncture or incinerate container. Wrap container and place in trash collection.

**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:** 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.

**SARA 311/312 HAZARD CATEGORIES:** Flammable (gases, aerosols, liquids, solids). Gas under pressure. Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure).

**SARA 313 REPORTABLE INGREDIENTS:** This product does not contain any chemical components with known CAS numbers that exceed the threshold (*de minimis*) reporting levels established by SARA Title III, Section 313.

**STATE REGULATIONS: California Proposition 65: WARNING:** This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). **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. **Heptane** (142-82-5): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, IL, MA, NJ, PA, RI.

**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); Korean Existing Chemicals Inventory (KECI, Korea); Philippine Inventory of Chemicals and Chemical Substances (PICCS, Philippines).

**VOLATILE ORGANIC COMPOUNDS (VOC):** 8.9%

**NFPA HEALTH:** 1

**NFPA FLAMMABILITY:** 3

**NFPA REACTIVITY:** 0

**NFPA OTHER:** None

**HMIS HEALTH:** 1

**HMIS FLAMMABILITY:** 3

**HMIS REACTIVITY:** 0

**HMIS PROTECTION:** B

**SECTION XVI - OTHER INFORMATION**

**PREPARATION BY:** Roberto Cerón

**DATE PREPARED:** 01/22/2014

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**REVISION DATE:** 04/27/2022

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

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