# SECTION I - IDENTIFICATION

**PRODUCT NAME:** Minerals Brake CleanerNoChlor Brake Cleaner

**PRODUCT CODE:** 809000008-208090AR

**PRODUCT USE:** Brake Cleaner

**COMPANY NAME:** QuestVapco Corporation Minerals Technology

**COMPANY ADDRESS:** 4721PO Box 624 Brenham, TX 77834 Paso Del Puma Ne, Albuquerque, NM 87111-3076 **COMPANY PHONE:** 1-800-231-0454505-238-0852

**EMERGENCY PHONE: 800-255-3924** 800-255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Flammable Aerosol: Category 1

Dissolved Gas

Skin Irritant: Category 2

Eye Irritant: Category 2A

**HAZARD STATEMENT(S):** **DANGER:** Extremely Flammable Aerosol Contains gas under pressure: May explode if heated. Causes skin and serious eye irritation.

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 50C/122F. 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 occurs: Get medical attention. Take off contaminated clothing and wash 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 attention.

SYMBOL:

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

|  |
| --- |
| **SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS**  |
|  **HAZARDOUS INGREDIENT CAS NUMBER**  | **PERCENT**  |
|  Acetone 67-64-1  | 60-100%  |
|  Heptane 142-82-5  | 5-10%  |
|  Carbon Dioxide 124-38-9   | 3-7%  |
| **SECTION IV - FIRST AID MEASURES**  |  |

**EYES:** 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.

**INGESTION**:Do not induce vomitting. 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:** Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

**ACUTE HEALTH HAZARDS:** Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Inhalation: Irritation

Oral: abdominal irritation, nausea, vomiting, and diarrhea

**CHRONIC HEALTH HAZARDS:** None Known

**NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

# SECTION V – FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry Chemical, Alcohol Foam, CO2 **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. Use water spray only to cool exposed containers.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**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.

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

**RCRA STATUS:** Waste solvent likely considered F003, Flammable, Non-halogentated solvent, 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. 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. Follow label directions exactly. Vapors may collect in low lying areas.

**INCOMPATIBILITY:** Concentrated nitric and sulfuric acid, oxidizers, chloroform, alkalis, chlorinated compounds, acids

# SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

|  |  |  |
| --- | --- | --- |
| **HAZARDOUS INGREDIENT**  | **OSHA PEL**  | **ACGIH TLV**  |
| Acetone  | 1000 ppm  | 500 ppm  |
| Heptane  | 400 ppm  | 400 ppm  |
| Carbon Dioxide  | 5000 ppm  | 5000 ppm  |

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

**RESPIRATORY PROTECTION:** Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves **ADDITIONAL MEASURES:** Wash hands and all equipment throughly after use.

# SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear, Colorless Spray **ODOR:** Aliphatic solvent odor

**ODOR THRESHOLD:** N/D

**BOILING POINT:** ND

**FREEZING POINT:** N/D

**FLAMMABILITY:** Extremely Flammable Aerosol

**FLASH POINT:** N/D

**AUTOIGNITION TEMPERATURE:** N/D

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**VAPOR PRESSURE (mm Hg):** 180 mmHg

**VAPOR DENSITY (AIR=1):** > 2 **EVAPORATION RATE:** > 1

**SPECIFIC GRAVITY (H2O=1):** 0.775 **pH:** N/A

**SOLIDS (%):** N/D

**SOLUBILITY IN WATER:** 0%

**PARTITION COEFFICIENT: n-OCTANOL/WATER (KOW):** N/D

**VOLATILITY INCLUDING WATER (%):** 100%

**VOLATILE ORGANIC COMPOUNDS (VOC):** 8%

**DIELECTRIC STRENGTH (Volts):** N/D

**DECOMPOSITION TEMPERATURE:** N/D

**VISCOSITY:** N/D

# SECTION X – STABILITY AND REACTIVITY DATA

**REACTIVITY:** If exposed to strong oxidizers, presents explosion hazard.

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Temperatures greater than 122°F and sources of ignition.

**INCOMPATIBILITY:** Concentrated nitric and sulfuric acid, oxidizers, chloroform, alkalis, chlorinated compounds, acids

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon **POSSIBLE HAZARDOUS REACTIONS:** None Known

# SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION: Acetone** (67-64-1) LD50 (Oral, Rat) 5800 mg/kg; LD50 (Oral, Mouse) 3000 mg/kg; LD50 (Oral,

Rabbit) 5340 mg/kg; LC50 (Inhalation, Rat, 8hr) 50100 mg/m3; LC50 (Inhalation, Mouse, 4hr) 44,000 mg/m3 **Aliphatic Petroleum Distillate** (64742-89-8) LD50 (Oral, Rat) 8000 mg/kg; LC50 (Inhalation, Rat) 3400 ppm; LD50 (Dermal, Rat) 4000 mg/kg **ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin **EYES:** Causes irritation, defatting.

**INGESTION:** Causes gastrointestinal irritation, nausea, diarrhea, absorption through gastrointestinal tract may produce symptoms of central nervous system depression ranging from light headedness to unconsciousness.

**INHALATION:** Dizziness, headache, nausea, depression of central nervous system, prolonged exposure may lead to 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-exsiting skin disorders, respiratory, liver, kidney, cardiovascular or pulmonary illnesses.

**ACUTE HEALTH HAZARDS:** Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Inhalation: Irritation

Oral: abdominal irritation, nausea, vomiting, and diarrhea

**CHRONIC HEALTH HAZARDS:** None Known

**CARCINOGENICITY: OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

# SECTION XII – ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION: Acetone** (67-64-1) LC50 (Trout, 96hr) 5540 mg/L; LC50 (Bluegill, 96hr) 8300 mg/L; LC50 (Fathead Minnow, 96hr) 7500 mg/L

**BIODEGRADABILITY:** Component or components of this product are not biodegradable.

**BIOACCUMULATION:** Components in this mixture can bioaccumulate in aquatic organisms.

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

**OTHER ECOLOGICAL HAZARDS:** This material is toxic to aquatic life.

# SECTION XIII – DISPOSAL CONSIDERATIONS

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

**RCRA STATUS:** Waste solvent likely considered F003, Flammable, Non-halogentated solvent, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

# SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** N/A

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**ENVIRONMENTAL HAZARDS WATER:** Marine Pollutant

# 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 lbs

**SARA 311/312 HAZARD CATEGORIES: Acetone** (67-64-1) Acute Health, Fire, Pressure.

**SARA 313 REPORTABLE INGREDIENTS:** None

**STATE REGULATIONS: Acetone** (67-64-1) Connecticut hazardous material survey, Illinois toxic substances disclosure to employee act, Illinois chemical safety act, New York release reporting list, **RTK** - RI, PA, FL, MN, MA, NJ; Massachusetts spill list, New Jersey spill list, Louisiana spill reporting, California List of Hazardous Substances (8 CCR 339): Acetone TSCA 8(b) inventory: Acetone TSCA 4(a) final test rules: Acetone TSCA 8(a) IUR: Acetone

**INTERNATIONAL REGULATIONS: Acetone** (67-64-1) Australia, China, Europe (EINECS), Japan, Korea, United Kingdom, Canada, WHMIS (Canada): CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2B: Material causing other toxic effects (TOXIC). p. 6; DSCL (EEC): R11- Highly flammable. R36- Irritating to eyes. S9- Keep container in a wellventilated place. S16- Keep away from ignition sources. S26- In case of eye contact, rinse immediately with plenty of water and seek medical advice.

**NFPA HEALTH:** 1 **HMIS HEALTH:** 1

**NFPA FLAMMABILITY:** 3 **HMIS FLAMMABILITY:** 3

**NFPA REACTIVITY:** 0 **HMIS REACTIVITY:** 0

**NFPA OTHER:** None **HMIS PROTECTION:** B

# SECTION XVI - ADDTIONAL INFORMATION

**PREPARATION BY:** Jonathon Jarvis

**DATE PREPARED:** 10/16/2015

**REVISION DATE:** 11/15/2040

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

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