

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: BRAKE CLEANER
Product Use: PRESSURIZED SOLVENT BASED BRAKE CLEANER.
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7

Telephone Number: (204) 633-8553 **Fax:** (204) 633-8453 **CANUTEC:** (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	OSHA PEL	ACGIH TLV
Acetone	67-64-1	80 – 90 %	1000 ppm	500 ppm
Aliphatic petroleum solvent	67472-89-8	8 – 10 %	Not established.	Not established.
Carbon dioxide	124-38-9	5 – 8 %	5000 ppm	5000 ppm

SECTION III - PHYSICAL DATA

Physical State: AEROSOL LIQUID

Specific gravity: 0.82

pH: Not available.

Odour and appearance: CLEAR, COLOURLESS LIQUID, SOLVENT ODOUR.

Odour threshold: Not available. **Vapour pressure (mmHg):** 45-60 @ 70 ° C.

Vapour density (air = 1): Not available. **Evaporation rate (water = 1):** Not available.

% volatile by volume: < 10 %. **Solubility in water:** PARTIALLY.

Boiling Point (C °): 80 ° C. Freezing Point (C °): Not available.

Coefficient of water/oil distribution: Not available.

SECTION III - FIRE AND EXPLOSION DATA

Flammable or combustible: FLAMMABLE AEROSOL

Flash Point (C °) and method: - 20 ° C

Upper flammable limit: Not available. **Lower flammable limit:** Not available.

Autoignition temperature: Not available. **Flammability classification:** NFPA 30B Rating: 2

Conditions of flammability: HEAT, SPARKS AND OPEN FLAME

Means of extinction: WATER, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Special fire fighting procedures: DO NOT BREATHE FUMES. CONTAINERS SHOULD BE COOLED WITH WATER TO PREVENT PRESSURE BUILD UP. COOL CONTAINERS WITH FLOODING QUANTITIES OF WATER UNTIL WELL AFTER THE FIRE IS OUT.

Hazardous combustion products: FIRE MAY PRODUCE IRRITATING, CORROSIVE AND /OR TOXIC GASES.

Sensitivity to mechanical impact: NOT SENSITIVE

Sensitivity to static discharge: NOT SENSITIVE

SECTION IV - REACTIVITY DATA

Is the product stable: STABLE

Incompatible substances: STRONG OXIDIZERS SUCH AS LIQUID CHLORINE AND OXYGEN, ACIDS AND BASES.

Conditions to avoid: HEAT, FLAME AND SPARKS

Hazardous decomposition products: NO HAZARDOUS DECOMPOSITION PRODUCTS ARE KNOWN.

SECTION V - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: SKIN AND EYE CONTACT, INHALATION, INGESTION.
 Exposure Limits: ACETONE: ACGIH – 500 ppm OSHA PEL 1000 ppm
 Carcinogen: NO - IARC / OSHA / NTP
 Sensitizer: NOT REPORTED AS A SENSITIZER
 Mutagen: NOT REPORTED AS A MUTAGEN
 Reproductive effects: NONE KNOWN
 Synergistic products: NONE KNOWN
 Effects of acute exposure: **Eyes:** CONTACT MAY IRRITATE OR BURN EYES. EYE CONTACT MAY RESULT IN CORNEAL INJURY. **Inhalation:** INTENTIONAL MISUSE BY CONCENTRATING AND INHALING THE PRODUCT CAN BE HARMFUL OR FATAL. IRRITATING TO THE RESPIRATORY SYSTEM. PROLONGED INHALATION MAY BE HARMFUL.
Ingestion: INGESTION IS UNLIKELY. MAY CAUSE DELAYED LUNG DAMAGE. COMPONENTS OF THIS PRODUCT MAY BE ABSORBED INTO THE BODY BY INGESTION.
 Effects of chronic exposure: **Skin:** FREQUENT OR PROLONGED CONTACT WITH THE SKIN MAY DEFAT AND DRY THE SKIN LEADING TO DISCOMFORT AND DERMATITIS.

SECTION VII - PREVENTION MEASURES

Gloves: CHEMICAL RESISTANT	Respirator: IF RECOMMENDED EXPOSURE LIMITS ARE EXCEEDED, WEAR A NIOSH APPROVED RESPIRATOR, FOLLOWING MANUFACTURER'S RECOMMENDATIONS.	Eye protection: SAFETY GLASSES AND / OR FACE SHIELD.
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.	Other requirements: EYE WASH STATION

Engineering Controls: LOCAL VENTILATION RECOMMENDED.
 Respiratory protection: USE ONLY WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPOURS OR SPRAY MISTS. DO NOT CUT OR WELD EMPTY CONTAINERS.
 Leak or spill procedures: VENTILATE AREA AND EXTINGUISH ALL SOURCES OF IGNITION. CONTAIN SPILL. SOAK UP ON INERT ABSORBENT MATERIAL AND PLACE IN A LABELED CLOSED CONTAINER FOR DISPOSAL. Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES. DISPOSE OF CANS IN NON-INCINERATED TRASH ONLY. Handling and storage requirements: KEEP AWAY FROM HEAT, SPARKS AND FLAMES. STORE IN A WELL-VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.
 Special shipping information: T.D.G. CONSUMER COMMODITY.

SECTION VIII - FIRST AID MEASURES

Eyes: FLUSH EYES AND UNDER EYELIDS FOR AT LEAST 15 MINUTES. REMOVE CONTACT LENSES IF PRESENT WHILE FLUSHING. CONTINUE FLUSHING UNTIL MEDICAL ASSISTANCE ARRIVES. **Skin:** REMOVE CONTAMINATED CLOTHING AND SHOES. . FLUSH AREA WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.
Ingestion: CONTACT PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
Inhalation: REMOVE PERSON TO FRESH AIR. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION, IF BREATHING IS DIFFICULT GIVE OXYGEN.

SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET.
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