

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: CHALKBOARD CLEANER
Product Use: PRESSURIZED WATER BASED 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

<u>Hazardous ingredients</u>	CAS Number	Exposure limits	Weight %
Propane	74-98-6	1000 ppm OSHA PEL	1 – 5 %
n-Butane	106-97-8	Not established	1 – 5 %
Ethyl Alcohol	64-17-5	1000 ppm ACGIH -TLV	1 – 5 %
2-Butoxyethanol	111-76-2	50 ppm (skin) OSHA PEL 20 ppm (skin) ACGIH TLV	1 – 5 %

SECTION III - PHYSICAL DATA

Physical State: (AEROSOL) LIQUID Specific Gravity (Water=1): 0.957
Vapour pressure (mm Hg):5-75 @ 23 ° C. Vapour density (air = 1): Not available.
Odour and appearance: COLOURLESS SPRAY, BUTYL ODOUR
Odour threshold: Not available. Evaporation rate (Butyl acetate = 1): <1.00
% volatile by volume: Not available. pH: 9.5 – 10.5
Solubility in water: COMPLETELY SOLUBLE
Boiling point (C°): 96 ° C Freezing point (C°): Not available.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: FLAMMABLE AEROSOL
Flash point (C°): - 60 ° C. (TCC)
Upper flammable limit: Not available.
Lower flammable limit: Not available.
Autoignition temperature: Not available.
Flammability classification: FLAMMABLE AEROSOL
Conditions of flammability: CONTENTS UNDER PRESSURE. EXPOSER TO TEMPERATURES ABOVE 50°C MAY CAUSE BURSTING.
Special fire fighting procedures: COOL FIRE-EXPOSED CONTAINERS WITH WATER FOG. FIREFIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS.
Means of extinction: CO₂, WATER SPRAY, FOAM OR DRY CHEMICAL.
Hazardous production products: Not available.
Sensitivity to mechanical impact: Not available.
Sensitivity to static discharge: Not available.

SECTION V - REACTIVITY DATA

Is the product stable? STABLE
Conditions of reactivity: HEAT, SPARKS AND OPEN FLAME. DROPPING OF CONTAINERS MAY CAUSE BURSTING.
Incompatible substances: NONE KNOWN
Hazardous decomposition products: THERMAL DECOMPOSITION MAY PRODUCE CO, CO₂ AND NITROGEN.

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SECTION VI - TOXICOLOGICAL PROPERTIES

WHMIS CLASSIFICATION: CLASS B. CLASS D 2 B - EYE AND RESPIRATORY IRRITANT.
Primary routes of exposure: SKIN AND EYE CONTACT, INHALATION. INGESTION IS UNLIKELY. Effects of acute exposure: MAY CAUSE MILD EYE IRRITATION. INTENTIONAL MISUSE BY CONCENTRATING AND INHALING THE PRODUCT MAY BE HARMFUL OR FATAL. INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. Effects of chronic exposure: PROLONGED OR REPEATED EXPOSURE MAY CAUSE DEFATTING AND DRYING OF THE SKIN RESULTING IN SKIN IRRITATION AND DERMATITIS (RASH). MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.

Exposure limits: SEE SECTION II FOR LIMITS FOR INGREDIENTS.

Irritant: SKIN AND EYE IRRITANT.

Sensitizer: NOT KNOWN TO BE A SENSITIZER.

Carcinogen: NOT KNOWN TO BE A CARCINOGEN. NOT LISTED ON IARC, NTP, OSHA

Mutagen: NOT KNOWN TO BE A MUTAGEN.

SECTION VII - PREVENTION MEASURES

Gloves: CHEMICAL RESISTANT.	Respirator: NOT REQUIRED FOR NORMAL USE. IF RECOMMENDED EXPOSURE LIMITS ARE EXCEEDED WEAR A NIOSH-APPROVED RESPIRATOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS	Eye protection: NOT NORMALLY NEEDED. SAFETY GLASSES WHEN NECESSARY
Footwear: NO SPECIAL REQUIREMENTS	Clothing: PROTECTIVE CLOTHING .	Other: EYE WASH STATION

Engineering controls: MAINTAIN ADEQUATE VENTILATION. DO NOT BREATHE VAPOURS OR SPRAY MISTS.

Leak and spill procedures: VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. SOAK UP MATERIAL WITH INERT ABSORBENT MATERIAL AND PLACE IN A LABELLED CLOSED CONTAINER FOR DISPOSAL.

Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES. DISPOSE OF CANS IN NON-INCINERATED TRASH ONLY.

Handling and storage requirements: STORE IN A COOL, DRY PLACE AWAY FROM HEAT, SPARKS AND OPEN FLAME. DO NOT STORE AT TEMPERATURES EXCEEDING 50°C. DO NOT PUNCTURE OR INCINERATE CONTAINERS. KEEP OUT OF THE REACH OF CHILDREN. Special shipping information: T.D.G. (CONSUMER COMMODITY)

SECTION VIII - FIRST AID MEASURES

Skin contact: FLUSH SKIN WITH WATER WHILE REMOVING CONTAMINATED CLOTHING. LAUNDRY CLOTHING SEPARATELY BEFORE RE-USE. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

Eye contact: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

Inhalation: MOVE TO FRESH AIR. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION IF NECESSARY. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

Ingestion: CONTACT A PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. DO NOT INDUCE VOMITING UNLESS INSTRUCTED TO DO SO BY A PHYSICIAN OR POISON CONTROL CENTRE.

SECTION IX - PREPARATION DATA

Information sources: MANUFACTURER'S MSDS.

Prepared by: SHARE CANADA Telephone Number: (204) 633- 8553

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