

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

Product Identifier: TILE & GROUT  
Recommended Use: AEROSOL CLEANER  
Restrictions on Use: INDUSTRIAL USE ONLY  
Supplier: SHARE CANADA  
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7  
Telephone Number: (204) 633-8553 Fax: (204) 633-8453  
Emergency telephone number: CANUTEC: (613) 996-6666

## SECTION 2 - HAZARDS IDENTIFICATION

WHMIS 2015 hazard classification: FLAMMABLE AEROSOL 1, EYE IRRITATION 2A



Signal word: DANGER  
Hazard statement(s): EXTREMELY FLAMMABLE AEROSOL  
CAUSES SERIOUS EYE IRRITATION.

### Precautionary statements:

KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES, 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  
WASH THOROUGHLY AFTER HANDLING.  
PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 C.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME              | CAS REGISTRY NUMBER | CONCENTRATION % |
|----------------------------|---------------------|-----------------|
| BUTANE                     | 108-97-8            | 2.5 – 10 %      |
| 2-(2-butoxyethoxy) ethanol | 112-34-5            | 2.5 - 10 %      |
| ALCOHOL ETHOXYLATE         | 68439-46-3          | 1 – 2.5 %       |
| PROPANE                    | 74-98-6             | 1 – 2.5 %       |

## SECTION 4 – FIRST AID MEASURES

First-aid measures general: IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE. (SHOW LABEL WHERE POSSIBLE)

First-aid measures after inhalation: IF BREATHING IS DIFFICULT, REMOVE PERSON TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. GET MEDICAL ADVICE / ATTENTION IF YOU FEEL UNWELL.

First-aid measures after skin contact: RINSE WITH WATER / SHOWER. IF SKIN RASH OCCURS, GET MEDICAL ADVICE / ATTENTION. TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

First-aid measures after eye contact: RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO SO. CONTINUE RINSING. IMMEDIATELY CALL A POISON CONTROL CENTRE OR DOCTOR / PHYSICIAN.

First-aid measures after ingestion: RINSE MOUTH WITH WATER. .

Most important symptoms and effects, both acute and delayed:

Symptoms / injuries after inhalation: NONE UNDER NORMAL USE. .

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Symptoms / injuries after skin contact: CONTACT DURING A LONG PERIOD MAY CAUSE LIGHT IRRITATION.

Symptoms / injuries after eye contact: CAUSES SERIOUS EYE IRRITATION..

Symptoms / injuries after ingestion: GASTROINTESTINAL COMPLAINTS.

Indication of any immediate medical attention and special treatment needed:

TREAT SYMPTOMATICALLY. KEEP WATCHING THE VICTIM. SYMPTOMS MAY BE DELAYED.

## SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: WATER FOG, CARBON DIOXIDE. DO NOT USE WATER JET AS IT MAY CAUSE THE FIRE TO SPREAD.

Special hazards arising from the substance or mixture:

Fire hazards: COMBUSTION PRODUCES IRRITATING GASES.

Explosion hazards: CONTAINS GAS UNDER PRESSURE. MAY EXPLODE IF HEATED.

Reactivity: THIS PRODUCT IS NON-REACTIVE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT

Advice for firefighters:

Firefighting instructions: EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE. MOVE CONTAINERS AWAY FROM THE FIRE AREA IF THIS CAN BE DONE WITHOUT RISK. USE WATER SPRAY OR FOG FOR COOLING EXPOSED CONTAINERS. FOR MASSIVE FIRE IN CARGO AREA, USE UNMANNED HOSE HOLDER OR MONITOR NOZZLES, IF POSSIBLE. IF NOT, WITHDRAW AND LET FIRE BURN OUT. IN CASE OF FIRE AND / OR EXPLOSION DO NOT BREATHE FUMES. DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING RESPIRATORY PROTECTION.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

General measures: NO FLAMES, NO SPARKS. ELIMINATE ALL SOURCES OF IGNITION.

EVACUATE UNNECESSARY PERSONNEL. STAY UPWIND. KEEP DISTANCE FROM SOURCE. GAS IS DENSER THAN AIR. MAY ACCUMULATE IN LOW AREAS, E.G. CLOSE TO THE GROUND.

For non-emergency personnel:

Protective equipment : DO NOT ENTER WITHOUT APPROPRIATE PROTECTIVE EQUIPMENT.

Emergency proceduresa : AVOID CONTACT WITH SKIN, EYES AND CLOTHING. EVACUATE UNNECESSARY PERSONNEL. KEEP UPWIND. VENTILATE SPILLAGE AREA. DO NOT TOUCH SPILLED MATERIAL. ADVISE LOCAL AUTHORITIES IF CONSIDERED NECESSARY.

For emergency responders:

EQUIP CLEAN UP CREW WITH PROPER PROTECTION.

Environmental pre-cautions : AVOID DISCHARGE TO THE ENVIRONMENT. PREVENT ENTRY TO DRAINS AND WATER COURSES.

Methods and material for containment and cleaning up: KEEP COMBUSTIBLES (WOOD, PAPER, OIL, ETC.) AWAY FROM SPILLED MATERIAL.

Methods for cleaning up : THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY, AND AS PER LOCAL LEGISLATION. FOLLOWING PRODUCT RECOVERY, FLUSH AREA WITH WATER.

## SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: PRESSURIZED CONTAINER: DO NOT PIERCE OR BURN, EVEN AFTER USE. DO NOT USE IF SPRAY BUTTON IS MISSING OR DEFECTIVE. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. DO NOT SPRAY ON A NAKED FLAME OR ANY INCANDESCENT MATERIAL. DO NOT EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION. . GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT. USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.

Hygiene measures: OBSERVE NORMAL HYGIENE STANDARDS. WASH THOROUGHLY AFTER HANDLING. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Conditions for safe storage, including any incompatibilities:

Technical measures: PRESSURIZED CONTAINER, DO NOT PUNCTURE, INCINERATE OR CRUSH.

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TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.

Storage conditions: KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 C .

Incompatible products: STRONG OXIDIZING AGENTS.

Incompatible materials: HEAT SOURCES, OPEN FLAME.

Storage area: STORE IN COOL, DRY AREA..

Special rules on packaging: MEET LEGAL REQUIREMENTS.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters: BUTANE - ACGIH TWA (ppm) 1000 ppm OSHA PEL TWA (ppm) 1000 ppm

2-(2-butoxyethoxy) ethanol 112-34-5 ACGIH TWA (ppm) 10 ppm

PROPANE ACGIH TWA (ppm) 1000 ppm OSHA PEL TWA (ppm) 1000 ppm

Exposure controls: ENSURE GOOD VENTILATION OF THE WORK STATION. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS. IF APPLICABLE, USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO MAINTAIN AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. IF EXPOSURE LIMITS HAVE NOT BEEN ESTABLISHED, MAINTAIN AIRBORNE LEVELS TO AN ACCEPTABLE LEVEL. EMERGENCY EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Personal protective equipment: USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN RISK ASSESSMENT INDICATES THIS IS NECESSARY. GLOVES, SAFETY GLASSES. PROTECTIVE CLOTHING.



Hand protection: GLOVES.

Eye protection: CHEMICAL GOGGLES OR SAFETY GLASSES.

Respiratory protection: IF PERMISSIBLE LEVELS ARE EXCEEDED USE NIOSH MECHANICAL FILTER / ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR.

Thermal hazard protection: USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN RISK ASSESSMENT INDICATES THIS IS NECESSARY.

Consumer exposure controls: WHEN USING DO NOT SMOKE. USE GOOD PERSONAL HYGIENE PRACTICES. WASH HANDS AND OTHER EXPOSED AREAS WITH MILD SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING AND WHEN LEAVING WORK. CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE. TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

|  |   |
|--|---|
| Physical state:                              | LIQUID  |
| Colour and appearance:                       | CLOUDY. AEROSOL. COLOURLESS TO PALE YELLOW LIQUID |
| Odour:                                       | MINT-LIKE.  |
| Odour threshold:                             | NO DATA AVAILABLE                                 |
| pH:  | 10.3 – 11.3 Estimated.                            |
| Melting point:                               | NO DATA AVAILABLE                                 |
| Freezing point:                              | NO DATA AVAILABLE                                 |
| Boiling point:                               | 100 <sup>0</sup> C                                |
| Flash point:                                 | - 104 <sup>0</sup> C Propellant estimated         |
| Relative evaporation rate (butyl acetate = 1 | NO DATA AVAILABLE                                 |
| Flammability (solid, gas):                   | 1 – 6.8 (ESTIMATED)                               |
| Explosive properties:                        | NO DATA AVAILABLE                                 |
| Oxidizing properties:                        | NO DATA AVAILABLE                                 |

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|                                   |                                  |
|-----------------------------------|----------------------------------|
| Vapour pressure:                  | 3.79 – 4.47 atm @ 21 C estimated |
| Relative density:                 | NO DATA AVAILABLE                |
| Relative vapour density at 20 °C: | NO DATA AVAILABLE                |
| Specific gravity /density:        | 0.958 – 1.058 g/ml (estimated)   |
| Solubility:                       | NO DATA AVAILABLE                |
| Log Pow:                          | NO DATA AVAILABLE                |
| Log Kow:                          | NO DATA AVAILABLE                |
| Auto-ignition temperature:        | NO DATA AVAILABLE                |
| Decomposition temperature:        | NO DATA AVAILABLE                |
| Viscosity:                        | NO DATA AVAILABLE                |
| Viscosity, kinematic:             | NO DATA AVAILABLE                |
| Viscosity, dynamic:               | NO DATA AVAILABLE                |

## SECTION 10 - STABILITY AND REACTIVITY

Reactivity: THIS PRODUCT IS NON-REACTIVE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT.

Chemical stability: STABLE UNDER NORMAL CONDITIONS.

Possibility of hazardous reactions: HAZARDOUS POLYMERIZATION DOES NOT OCCUR.

Conditions to avoid: HEAT. AEROSOL CONTAINERS ARE UNSTABLE AT TEMPERATURES ABOVE 49°C. AVOID TEMPERATURES EXCEEDING THE FLASH POINT.

Incompatible materials: STRONG OXIDIZING AGENTS.

Hazardous decomposition products: UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS DECOMPOSITION PRODUCTS SHOULD NOT BE PRODUCED.

## SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: NOT CLASSIFIED.

ALCOHOL ETHOXYLATE (68439-46-3) LD 50 oral / rat 1400 mg/kg

LD 50 dermal / rabbit >5000 mg/kg

ATE CLP (oral) 1400.000 mg/kg body weight

Skin corrosion/irritation:

NOT CLASSIFIED

pH 10.3 – 11.3 (estimated)

Serious eye damage/irritation:

CAUSES SERIOUS EYE IRRITATION

Respiratory or skin sensitization:

NOT CLASSIFIED.

Germ cell mutagenicity:

NOT CLASSIFIED.

Carcinogenicity:

NOT CLASSIFIED.

Reproductive toxicity:

NOT CLASSIFIED.

Specific target organ toxicity (single exposure):

NOT CLASSIFIED.

Specific target organ toxicity (repeated exposure):

NOT CLASSIFIED.

Aspiration hazard:

NOT CLASSIFIED.

Symptoms / injuries after inhalation:

NONE UNDER NORMAL USE.

Symptoms / injuries after skin contact: CONTACT DURING A LONG PERIOD MAY CAUSE LIGHT IRRITATION.

Symptoms / injuries after eye contact: CAUSES SERIOUS EYE IRRITATION.

Symptoms /injuries after ingestion: GASTROINTESTINAL COMPLAINTS.

## SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General): NO ADDITIONAL INFORMATION AVAILABLE.

Persistence and degradability: NO ADDITIONAL INFORMATION AVAILABLE.

Bioaccumulation potential: NO ADDITIONAL INFORMATION AVAILABLE.

## SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations: CONTENTS UNDER PRESSURE. . DO NOT PUNCTURE, INCINERATE OR CRUSH. DISPOSE OF CONTENTS / CONTAINER TO COMPLY WITH LOCAL / NATIONAL REGULATIONS.

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**SECTION 14 – TRANSPORT INFORMATION**

T.D.G. Shipping Name: AEROSOLS, FLAMMABLE O COMPLU

Class: 2.1

UN Number: UN 1950

Packing Group: Not applicable.

Limited quantity exemption: CONTAINER UNDER 1 LITRE.

**SECTION 15 - REGULATORY INFORMATION**

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015

**SECTION 16 - OTHER INFORMATION**

Information Sources: SUPPLIER'S SDS

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