

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: BACTOL
Product Use: DISINFECTANT, CLEANER
Manufacturer: AVMOR LTEE.
Address: 433 STE. HELENE, MONTREAL, QC.
Telephone Number: (450) 629-3800 Fax: (450) 629-4355

Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	LD ₅₀	LC ₅₀
Ethanol	64-17-5	1 - 5 %	7060 mg/kg (oral /rat)	20,000 ppm rat, 10 hr
Alkyl dimethylbenzyl ammonium chloride C-12 to C16	68424-85-1	5 - 15 %	426 mg/kg. Acute.. (oral/rat) 919 mg/kg (oral/mouse)	

SECTION III - PHYSICAL DATA

Physical State: LIQUID **Specific gravity:** .99 to 1 (Water = 1)
pH (Concentrate): 7.5 - 9.5
Odour and appearance: COLOURLESS TO STRAW COLOURED LIQUID. MILD AMINE LIKE ODOUR.
Odour threshold: Not available.
Vapour pressure (kPa @ 20 C⁰): Not available.
Vapour density (air = 1): Not available.
Evaporation rate (water = 1): Not available.
% volatile by volume: Not available.
Solubility in water: EASILY SOLUBLE IN COLD AND HOT WATER, METHANOL.
Boiling Point (C⁰): 78.5 C⁰ ETHANOL.
Freezing Point (C⁰): Not available.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: NON FLAMMABLE	Flash Point (C⁰) and method: Not applicable.
Upper flammable limit: Not applicable.	Lower flammable limit: Not applicable.
Autoignition temperature: Not applicable.	Flammability classification: NONE.
Conditions of flammability: NONE.	Special fire fighting procedures: NONE.
Means of extinction: Not applicable.	
Hazardous combustion products: Not applicable.	
Sensitivity to mechanical impact: NOT SENSITIVE	Sensitivity to static discharge: NOT SENSITIVE

SECTION V - REACTIVITY DATA

Is the product stable: YES - STABLE.
Conditions of Reactivity: NONE
Incompatible substances: SLIGHTLY REACTIVE TO REACTIVE WITH OXIDIZING AGENTS.
Hazardous decomposition products: SEE HAZARDOUS COMBUSTION PRODUCTS.

PRODUCT IDENTIFIER: BACTOL

SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: SKIN AND EYE CONTACT, INHALATION AND INGESTION.
Exposure limits: 1000 ppm – ETHANOL WHMIS Classification: D1B, D2B, E.
Irritant: CORROSIVE TO SKIN AND EYE AND EYES ON CONTACT. Carcinogen: NO - IARC / OSHA / NTP
Sensitizer: NO Mutagen: NONE FOR HUMAN.
Reproductive effects: ETHANOL IS TOXIC TO THE REPRODUCTIVE SYSTEM.
Synergistic products: NONE KNOWN
Effects of acute exposure: Eyes: SEVERE IRRITATION (CORROSIVE ON CONTACT).
Skin: MAY DAMAGE OR BE ABSORBED THROUGH THE SKIN.
Ingestion: HARMFUL IF SWALLOWED.
Inhalation: INHALATION OF SPRAY MISTS MAY CAUSE IRRITATION OF RESPIRATORY TRACT,
CHARACTERIZED BY COUGHING, CHOKING OR SHORTNESS OF BREATH.
Effects of chronic exposure: REPEATED OR PROLONGED EXPOSURE CAN CAUSE TARGET ORGANS
DAMAGE.

SECTION VII - PREVENTION MEASURES

Gloves: IMPERVIOUS GLOVES	Respirator: WEAR RESPIRATOR WHERE VENTILATION IS INADEQUATE.	Eye protection: SAFETY GLASSES
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: FULL SUIT, APRON, FACE SHIELD, BOOTS IN A FIRE OR SPILL SITUATION.	Other requirements: EYE WASH STATION AND SAFETY SHOWER

Engineering Controls: PROVIDE EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO KEEP AIRBORNE CONCENTRATIONS BELOW EXPOSURE LIMITS.
Respiratory protection: USE ONLY WITH ADEQUATE VENTILATION. WEAR RESPIRATOR WHERE VENTILATION IS INADEQUATE. DO NOT BREATHE VAPOURS OR SPRAY MISTS.
Leak or spill procedures: ABSORB WITH AN INERT DRY MATERIAL AND PLACE IN AN APPROPRIATE WASTE DISPOSAL CONTAINER.
Waste disposal: HAZARDOUS CHEMICAL WASTE. MUST BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE REGULATIONS. CONSULT LOCAL ENVIRONMENTAL AUTHORITIES. DO NOT RE-USE CONTAINER. RINSE PRODUCT CONTAINER WITH WARM WATER, REMOVE LABEL AND DISCARD.
Handling and storage requirements: KEEP CONTAINER TIGHTLY CLOSED. . KEEP IN A COOL, WELL-VENTILATED PLACE. DO NOT STORE IN FOOD PROCESSING OR STORAGE AREA. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OR WASTES. AVOID ALL CONTACT WITH SKIN AND EYES . WEAR SUITABLE PROTECTIVE CLOTHING AND EYE/FACE PROTECTION.
Special shipping information: T.D.G. CLASS 8 DISINFECTANT, LIQUID, CORROSIVE. N.O.S. (Quaternary Ammonium Compounds) UN 1903 PACKING GROUP III

SECTION VIII - FIRST AID MEASURES

Eyes: IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES, KEEPING EYELIDS OPEN. SEEK MEDICAL ATTENTION.
Skin: FLUSH SKIN WITH WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
Ingestion: CONTACT A PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. DO NOT INDUCE VOMITING. HAVE A CONSCIOUS PERSON DRINK SEVERAL GLASSES OF WATER. NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING TO INGEST. SEEK MEDICAL ATTENTION.
Inhalation: ALLOW VICTIM TO REST IN A WELL-VENTILATED AREA.

SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET.
Prepared by: SHARE CANADA
Telephone: 1-204-633-8553 Preparation date: February 28, 2011