

**MATERIAL SAFETY DATA SHEET: COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS**

**MSDS NO. B500DC**

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**SECTION #1: PRODUCT IDENTIFICATION**

Product Name: BIO-MIGHT DISINFECTANT SPRAY, B500DC  
Description: DISINFECTANT SPRAY CONCENTRATE  
Appearance and Odor: LIGHT YELLOW, CHARACTERISTIC ODOR  
Use: DISINFECTANT, CLEANER  
Hazard Rating (NFPA): Health = 2 Reactivity = 0  
Fire = 1 Special = NONE  
Hazard Rating (HMIS): Health = 2 Flammability = 1 Reactivity = 0

Rating Scale  
0 = Insignificant  
1 = Slight  
2 = Moderate  
3 = High  
4 = Extreme  
\* = Chronic Hazard

**SECTION #2: HAZARDOUS INGREDIENTS**

COMMON CHEMICAL NAME	CAS #	TWA / TLV	% WEIGHT
ALKYL(C12-C-16)DIMETHYL BENZYL AMMONIUM CHLORIDE	68424-85-1	NONE ESTABLISHED	4.339
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE	32426-11-2	NONE ESTABLISHED	3.255
DIOCTYL DIMETHYL AMMONIUM CHLORIDE	5538-94-3	None Established	1.628
DIDECYL DIMETHYL AMMONIUM CHLORIDE	7173-51-5	NONE ESTABLISHED	1.628
TETRASODIUM ETHYLENEDIAMINE TETRAACETATE	64-02-8	NONE ESTABLISHED	1.9
POLYETHYLENE GLYCOL 9 MOLES	68131-40-8		5.0

**SECTION #3: PHYSICAL DATA**

Boiling Range: N/D  
pH : 5-9  
Vapor Pressure (MM HG): N/D  
Solubility in Water: SOLUBLE  
Appearance and Odor: LIGHT YELLOW, CHARACTERISTIC ODOR  
Evaporation Rate (BUTYLACETATE=1): N/D  
Density: 8.33 LBS./GAL.

**SECTION #4: FIRE/EXPLOSION INFORMATION**

Flash Point: N/D  
Extinguishing Media: DRY CHEMICAL, WATER FOG, CO2, FOAM.  
Fire Fighting Procedures: COOL FIRE EXPOSED CONTAINERS WITH SPRAY, MUST WEAR MSHA/NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS.  
Unusual Fire and Explosion Hazards: EXPLOSIVE MIXTURES CAN FORM WITH AIR. COMBUSTION PRODUCTS ARE TOXIC. SOLVENT VAPORS CAN TRAVEL TO AN IGNITION SOURCE AND FLASH BACK.

**SECTION #5: REACTIVITY DATA**

Stability: STABLE  
Incompatibility: STRONG OXIDIZERS OR REDUCING AGENTS.  
Conditions to Avoid: MIXING WITH STRONG OXIDIZERS OR REDUCING AGENTS.  
Hazardous Decomposition: TOXIC HYDROGEN CHLORIDE FUMES, OXIDES OF CARBON AND NITROGEN.  
Hazardous Polymerization: WILL NOT OCCUR

**SECTION #6: HUMAN HEALTH HAZARD INFORMATION**

Routes of Entry: SKIN CONTACT, INHALATION AND EYE CONTACT.

Inhalation: IRRITATION OF MUCOUS MEMBRANE CAN BE CAUSED BY SOLVENT VAPORS OR MISTS OF PRODUCTS.

Eyes: CORROSIVE. SEVERE EYE DAMAGE CAN RESULT FROM DIRECT CONTACT.

Ingestion: MAY BE FATAL. BURNING PAIN IN THE MOUTH, THROAT, ABDOMEN, SEVERE SWELLING OF THE LARYNX, SKELETAL MUSCLE PARALYSIS AFFECTING THE ABILITY TO BREATHE, CIRCULATORY SHOCK, CONVULSIONS.

Carcinogenicity: NTP: NO IARC Monographs: NO OSHA Regulated: NO

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN.

**EMERGENCY FIRST AID PROCEDURES:**

Ingestion: IF SWALLOWED DRINK PROMPTLY, A LARGE QUANTITY OF EGG WHITES, GELATIN SOLUTION OR, IF THESE ARE NOT AVAILABLE, DRINK LARGE QUANTITIES OF WATER. AVOID ALCOHOL. CALL A PHYSICIAN IMMEDIATELY. NOTE TO PHYSICIAN: PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE.

Inhalation: REMOVE FROM AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

Eye Contact: IN CASE OF CONTACT, IMMEDIATELY FLUSH THE EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.

Skin Contact: IN CASE OF CONTACT FLUSH THE SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

**SECTION #7: PRECAUTIONS FOR DISPOSAL, SAFE HANDLING, AND USE**

Small Spills: REMOVE IGNITION SOURCES, WEAR A RESPIRATOR. SPILLS MAY BE MOPPED UP, FLUSHED AWAY WITH WATER OR ABSORBED ON ABSORBENT MATERIAL AND INCINERATED.

Large Spills: REMOVE IGNITION SOURCES, WEAR RESPIRATOR. LARGE SPILLS SHOULD BE CONTAINED; THE MATERIAL THEN MOVED INTO CONTAINERS AND DISPOSED OF BY APPROVED METHODS FOR HAZARDOUS WASTES.

Waste Disposal Method: INCINERATE. MAKE SURE THAT ALL FEDERAL, STATE AND LOCAL REGULATIONS ARE OBSERVED.

Precautions To Be Taken In Handling and Storage: KEEP FROM FREEZING. STORE IN ORIGINAL CONTAINER.

**SECTION #8: CONTROL MEASURES**

Respiratory Protection: NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED. FOR MIST OR VAPOR WEAR NIOSH APPROVED RESPIRATOR.

Ventilation: MECHANICAL (EXPLOSION PROOF)

Skin Protection: IMPERVIOUS APRON, RUBBER OR NEOPRENE PROTECTIVE GLOVES.

Eye Protection: SPLASH PROOF SAFETY GLASSES.

Work/Hygienic Practices: WEAR IMPERVIOUS APRON, EYEWASH FACILITY NEARBY, EMERGENCY SHOWER, FACESHIELD.

DOT Proper Shipping Name: DISINFECTANTS LIQUID, CORROSIVE NOS (QUARternary AMMONIUM COMPOUND), 8, UN1903, PGII.

Special Precautions/Other Comments: THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE SO. USERS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT INFORMATION IS CURRENT, APPLICABLE AND SUITED TO THE CIRCUMSTANCES OF USE. VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT ADHERED TO AS STIPULATED IN THE DATA SHEET. FURTHERMORE, VENDOR ASSUMES NO RESPONSIBILITY FOR INJURY CAUSED BY ABNORMAL USE OF THIS MATERIAL EVEN IF REASONABLE SAFETY PROCEDURES ARE FOLLOWED.