

MATERIAL SAFETY DATA SHEET

MedPro Defense Bioclean Disinfectant

1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: MedPro Defense Bioclean Disinfectant **General Use:** Disinfectant

Manufacturer Name: AMG Medical Inc.

Emergency Telephone Number:
Local poison control center

Address: 8505 Dalton
Montreal, Quebec H4T 1V5

Telephone No. for Information:
800-361-2210 (Normal bus. hours)

Date Issued: April 2, 2013

Date Revised: September 1, 2016

**CHEMTREC CHEMICAL TRANSPORTATION
EMERGENCY TELEPHONE NO. 800-424-9300
D.C.: 202-483-7616**

**POISON CONTROL CENTER
TELEPHONE NO. 800-268-9017
T.O.: 416-598-5900**

2.0 COMPOSITION / INFORMATION ON INGREDIENTS

N-alkyl dimethyl benzyl ammonium chloride
CAS number: 68391-01-5

N-alkyl dimethyl ethylbenzyl ammonium chloride
CAS number: 68956-79-6

Butyl carbitol
CAS number: 112-34-5

3.0 HEALTH HAZARDS IDENTIFICATION

Breathing high concentration may cause irritation.

4.0 FIRST AID MEASURES

Route of Entry: Eyes, skin, ingestion, inhalation.

Acute Exposure:

Eye: Irritant. Corrosive to the eyes. Rinse abundantly with water for 15 seconds keeping eyelids open. Consult a physician if irritation persists.

Skin: Irritant. Severe irritation and burns. May be harmful if absorbed through skin. Rinse abundantly with plenty of water for 15 minutes. Remove soiled clothes and wash before wearing. Consult a physician.
Ingestion: May cause burns of mouth, throat and stomach. May be harmful or fatal if swallowed. Seek immediate medical attention.
Inhalation: Breathing high concentration may cause irritation, distress. If symptoms persist, consult a physician.

Chronic Exposure:

Skin: Prolonged or repeated contacts with skin may cause irritation: skin dryness, redness, dermatitis. None of the ingredients are skin sensitizers. None of the ingredients are carcinogenic. None of the ingredients are teratogenic. None of the ingredients are mutagenic. None of the ingredients are synergistic.

5.0 FIRE FIGHTING MEASURES

Flammability: Not flammable, not combustible.
Flash Point (TCC, °C): > 93.3 LEL: Not applicable UEL: Not applicable
Hazardous Combustion Products: Smoke, carbon oxides, nitrogen oxides, ammonia.
Autoignition Temperature: NA
Extinguishing Media: Water, foam, dry chemicals, and carbon dioxide.
Special Fire Hazards: A stream of water directed into the product generates a lot of foam.

6.0 ACCIDENTAL RELEASE MEASURES

Wear personal protective equipment. Stop the source of the leak. Pump the product into containers for disposal, or clean up spills using absorbent material and place in waste container. Resume cleaning by rinsing with water.

7.0 HANDLING AND STORAGE

HANDLING

Package must be kept away from sources of ignition.

CAUTION CONCERNING THE HANDLING AND STORAGE:

Keep in original well closed containers, in a well-ventilated room. Keep from freezing.

8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION/GOGGLES

Safety glasses with side shields are recommended to operate large quantities of the product. Respiratory protection is not required if there is adequate ventilation available.

PROTECTIVE GLOVES:

Plastic or Rubber gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Waterproof boots if large spill.

A shower and eye wash station is required if large quantities are manipulated.

MECHANICAL (GENERAL):

Provide general ventilation in handling and storage areas.

SPECIAL: None

OTHER: None

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Color: Yellow
Odor: Lemon scent
Boiling Point(°C): 100
Freezing point(°C): 0
pH: 7-8
Vapor Density(Air=1): 0.6 (water)
Vapor Pressure(mm Hg): 20 (water)
Evaporation Rate (n-BUAC=1):0.4
Viscosity: <200 at 25°C

10.0 STABILITY AND REACTIVITY

Stability in the original packaging: Stable under normal conditions of use and storage. It does not polymerize.

Reactivity: None

Materials to avoid: Strong oxidizing agents, anionic materials

Hazardous decomposition product: Heat, carbon oxides, nitrogen oxides, ammonia

11.0 TOXICOLOGICAL INFORMATION

<u>Ingredients</u>	<u>TLV</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
N-alkyl dimethyl benzyl ammonium chloride	NA	NA	NA
N-alkyl dimethyl ethylbenzyl ammonium chloride	NA	NA	NA
Butyl carbitol	NA	NA	3384 mg/kg oral rat

12.0 ECOLOGICAL INFORMATION

Ecotoxicological effects: No known effects.

13.0 DISPOSAL CONSIDERATIONS

Comply with the provisions of the Local Authority.

14.0 TRANSPORT INFORMATION

T.D.G. Shipping Name:NA
UN Number: NA
TDG Classification: Not regulated

15.0 REGULATORY INFORMATION

WHMIS Class: Not regulated

16.0 OTHER INFORMATION

All information, recommendations, and suggestions appearing herein concerning the product are based upon data believed to be reliable. It is the user's responsibility to determine the safety, toxicity, and suitability for their own use of the product described herein, and to comply with all applicable regulations. Since the actual use by others is beyond the MSDS developer's control, no guarantee, expressed or implied is made by AMG Medical Inc. as to the effects of such use, the results to be obtained or the safety and toxicity of the product nor does AMG Medical Inc. assume any liability arising out of use by others of the product referred to herein. This MSDS is not intended as a license to operate under, or recommendation to infringe on, any patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.

Note: CHEMTREC emergency telephone numbers is to be used only in the event of CHEMICAL EMERGENCIES involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to AMG Medical Inc. Regulatory Affairs Department for assistance.

PREPARED BY:	AMG Medical Inc.
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MSDS CONTACT:	Regulatory Affairs
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