

MATERIAL SAFETY DATA SHEET

24 HOUR EMERGENCY PHONE CONTACT: CANUTEC 1-613-996-6666

SECTION 1 - PRODUCT INFORMATION

PRODUCT IDENTIFIER: MYO-THER GENIE PLUS, DIN 02190826

PRODUCT USE: Low-level Disinfectant and Cleaner for Chairs and Tables

WHMIS STATUS: Exempt - Drug

CHEMICAL FAMILY: Quaternary Ammonium Compound

SUPPLIER: PARADEL PRODUCTS LIMITED

1379 COLBORNE STREET EAST

BRANTFORD, ONTARIO, CANADA

N3T 5V7

(519) 758-8033

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT: Benzalkonium Chloride: CAS # 8001-54-5 – % weight 0.1 - 0.15% - LD50: 240mg/kg (ORAL RAT)

Citric Acid: CAS # 77-92-9 - % weight 1.0 - 2.0% - LD50: 3000 mg/kg (ORAL RAT)

Sodium Chloride: CAS # 1310-73-2 - % weight 0.5 - 1.0%

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: Liquid **VAPOUR PRESSURE:** N/Av **VAPOUR DENSITY (AIR=1):** N/Av

SPECIFIC GRAVITY: 0.95 - 1.05

SOLUBILITY IN WATER (20°C): N/Av

BOILING POINT: N/Av

EVAPORATION RATE: Same as water

ODOUR & APPEARANCE: Clear, colourless liquid with characteristic quaternary ammonium odour

pH: 9.5 - 11.5

FREEZING POINT: N/Av

COEFFICIENT OF WATER/OIL DISTRIBUTION: N/Av

SECTION 4 - FIRE EXPLOSION HAZARD

CONDITIONS OF FLAMMABILITY: N/Av

MEANS OF EXTINCTION: N/Av

SENSITIVITY TO MECHANICAL IMPACT: N/Av

SENSITIVITY TO STATIC DISCHARGE: N/Av

FLASHPOINT (°C) AND METHOD: N/Av

UPPER FLAMMABLE LIMIT %: N/Av

LOWER FLAMMABLE LIMIT %: N/Av

AUTOIGNITION TEMPERATURE (°C): N/Av

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and nitrogen, hydrochloric acid fumes.

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: YES_x NO

INCOMPATIBILITY WITH OTHER SUBSTANCES: YES_x

IF SO WHICH ONES: Anionic materials, oxidants, acids, ammonia salts, organic materials

REACTIVITY AND CONDITIONS: N/Av

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen

SECTION 6 - TOXICOLOGICAL PROPERTIES

EYE CONTACT: Irritation of eyes.

SKIN CONTACT: Irritation of skin

INHALATION: Irritation of mucous membranes.

INGESTION: Irritation and burning of mouth, throat, and GI tract.

IRRITANCY OF MATERIAL: Irritant

EFFECTS OF ACUTE EXPOSURE TO MATERIAL: May cause irritation to skin, eyes, and mucous membranes

EFFECTS OF CHRONIC EXPOSURE: May cause drying and irritation of skin.

SECTION 7 - PREVENTATIVE MEASURES

RESPIRATORY PROTECTION: Not normally required. Dust mask may be used if misty conditions prevail.

VENTILATION: Provide mechanical ventilation of confined spaces for continuous use.

PROTECTIVE GLOVES: Not normally required. Use rubber/vinyl/PVA gloves for prolonged use.

EYE PROTECTION: Wear safety goggles.

PROTECTIVE CLOTHING: Not required for normal use.

FOOTWEAR: Not required for normal use.

OTHER SPECIAL EQUIPMENT: Eyebath

SPILL OR RELEASE: Small spills should be flushed with large quantities of water. Large spills should be collected for disposal.

WASTE DISPOSAL METHOD: Dispose of through a licensed waste disposal facility.

PRECAUTIONS (Handling): Avoid eye and skin contact. **(Storage):** Store in a cool dry place. Keep containers closed.

SECTION 8 - FIRST AID MEASURES

EYE (CONTACT): Flush with copious amounts of water for at least 15 minutes. Call a physician immediately.

SKIN (CONTACT): Flush thoroughly with soap and water. If irritation persists, call a physician.

INHALATION (EXCESSIVE): Remove to fresh air.

INGESTION (SWALLOWING): Rinse mouth with water. Drink milk or water. Do not give anything by mouth if victim is unconscious. Call a physician or Poison Control Centre immediately.

SECTION 9 - PREPARATION INFORMATION

PREPARED BY: PARADEL PRODUCTS LIMITED

PHONE NUMBER: (519) 758-8033

DATE: JANUARY 4, 2011