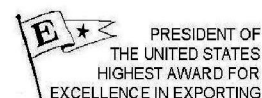




PHARMACEUTICAL INNOVATIONS, INC.



897 Frelinghuysen Avenue • Newark, New Jersey 07114-2195 • (973) 242-2900 • Fax: (973) 242-0578

M-SPRAY 2000 NEUTRAL DISINFECTANT

Section 1 – Material Identification

Product: M-Spray 2000 Neutral Disinfectant
Date Prepared: 4/01/2008

Manufacturer: Pharmaceutical Innovations, Inc.
Telephone: 973-242-2900

Section 2 – Hazardous Ingredients

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (C12-16)
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE
DIOCTYL DIMETHYL AMMONIUM CHLORIDE
DIDECYL DIMETHYL AMMONIUM CHLORIDE

OSHA PEL	ACGIH TLV
NL	NL
NL	NL
NL	NL
NL	NL

Section 3 – Physical/Chemical Characteristics

Boiling Point: 100 °C
Solubility in Water: Miscible with water
Vapor Density: Estimated heavier than air
Appearance & Odor: Yellow, water-like liquid, perfumed

Evaporation Rate: ND
Density: 1.005 g/cc
Vapor Pressure (mm Hg): ND

Section 4 – Fire and Explosion Hazard Data

Flash Point: ND
Extinguishing Media: All types
Flammable Limits: ND
Unusual Fire and Explosion Hazards: None
Special Fire fighting procedures: Use self contained breathing apparatus for maximum protection.

Lower Exposure Limit: N/A
Upper Exposure Limit: N/A

Section 5 – Reactivity Data

Stability: Stable	Hazardous Decomposition Products: Nitrous oxides and ammonia vapors
Incompatibility: Strong oxidizing agents	Hazardous Polymerization: Will not occur

Section 6 – Health Hazard Data

Health Hazards: Prolonged or repeated contact with skin may cause irritation. Contact with eyes causes irritation. Vapors or mist may irritate respiratory passages.

Carcinogenicity		
NTP	None	This product is not considered a carcinogen by OSHA, NTP or IARC
IARC	None	
OSHA	None	

Signs and Symptoms of Exposure: ND
Emergency and First Aid Procedures:

Medical Conditions Aggravated: N/A

Eye Contact:	Flush eyes immediately with plenty of water for at least 15 minutes
Skin Contact:	Wash off skin and remove contaminated clothing. Wash contaminated clothing before reuse.
Inhalation:	If vapors or mist cause distress, remove to fresh air.
Indigestion:	If swallowed, consult a physician immediately. Probable mucosal damage may contraindicate the use of gastric lavage. Drink egg whites or gelatin solution, or if these are not available, drink large quantities of water.

Section 7 – Precautions for Safe Handling and Use

Accidental Release: Contain spills and leaks to prevent discharge to the environment. Ventilate area.
Spills: Soak up with absorbent, shovel into waste containers. Flush area with water.
Waste Disposal Method: Material collected with absorbent may be disposed in a permitted landfill in accordance with federal, state, and local regulations.

Precautions to Be Taken in Handling and Storing: Avoid contact with patented active ingredient containment system. Do not cut open bottle. Avoid overheating or freezing, store in a cool, well-ventilated area

Section 8 – Control Measures

Respiratory Protection:	NR	Ventilation:	NR
Protective Gloves:	NR	Local:	NR
Other Protective Measures:	NR		
Work/Hygienic Practices:	Normal	Eye Protection:	NR