



M-SPRAY 2000 NEUTRAL DISINFECTANT

Section 1 – Material Identification

Product: M-Spray 2000 Neutral Disinfectant
Date Prepared: 01/01/2011

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
Incompatibility: Strong oxidizing agents

Hazardous Decomposition Products: Nitrous oxides and ammonia vapors
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
IARC	None	considered a carcinogen
OSHA	None	by OSHA, NTP or IARC

Signs and Symptoms of Exposure: ND

Medical Conditions Aggravated: N/A

Emergency and First Aid Procedures:

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
Protective Gloves: NR
Other Protective Measures: NR
Work/Hygienic Practices: Normal

Ventilation: NR
Local: NR
Eye Protection: NR