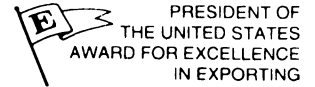


PHARMACEUTICAL INNOVATIONS, INC.



897 Frelinghuysen Avenue, Newark, New Jersey 07114-2195

THIS PRODUCT IS NOT AVAILABLE FOR SALE OR DISTRIBUTION T-SPRAY II DISINFECTANT CLEANER

Section 1 – Material Identification

Product: T-Spray II Disinfectant Cleaner for Ultrasound and Mammography
Date Prepared: 10/01/2001

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

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		

This Material Safety Data Sheet (MSDS) has been prepared in compliance with Federal OSHA Hazard Communication Standard, 29 CFR 1910.1200. Pharmaceutical Innovations believes this information to be reliable and up to date as of the date of this form, but makes no warranty that it is.