MATERIAL SAFETY DATA SHEET

Required under USDL Safety & Health Regulations for Ship Repairing, Shipbuilding and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION 1

THE CLINIPAD CORPORATION
66 High Street
Guilford, CT 06437

Telephone No: (203)453-4543

POVIDONE IODINE SOLUTION
PRODUCT NO: 3941, 3942, 4441, 4442, 4443, 4444, 4445, 4446, 4447, 4461,
4541, 1241, 1291, 1261 & 9153

Chemical Name & Synonyms
1-Vinyl-2-pyrrolidinone polymer

Trade Name & Synonyms
Iodine complex

Povidone Iodophor

Chemical Family
Formula

Polymer Halogen Complex
(C$_{6}$H$_{7}$NO)n .xI

Prepared by L.P. Martin
Date 9/19/90

SECTION II

Hazardous mixtures of other Liquids, Solids or Gases

Povidone Iodine Complex CAS 25-655-41-8 10% (Aqueous)

*Not established

SECTION III - PHYSICAL DATA

Boiling Point (°F) NA Specific Gravity (H$_{2}$O=1) 1.03
Vapor Pressure (mm Hg) NA Percent Volatile by Volume (%) 85%
Density (Air=1) NA Evaporation Rate (IPA=1) NA
Solubility in Water Soluble
Appearance & Odor Dark Colored liquid with slight characteristic iodine odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used) NA Flammable Limits NA
Extinguishing Media: Water, Foam, Dry Chemical
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None
SECTION V - HEALTH HAZARD DATA

Primary Route of Exposure = Skin
Threshold Limit Value: None established

Effects of Overexposure: Symptoms reflect iodine overexposure, chronic exposure may induce hyperthyroidism.

Emergency & First Aid Procedures: If swallowed, do not induce vomiting, get immediate medical attention. If irritation develops, discontinue use and consult a physician.

SECTION VI - REACTIVITY DATA

STABILITY Unstable Stable X Conditions to Avoid NA

Incompatibility (Materials to Avoid) Reducing Agents
Hazardous Decomposition Products:
Hazardous Polymerization May Occur Conditions to Avoid Will not Occur X

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled Dilute with water and wipe up.
Waste Disposal Method: Dispose of product in accordance with Federal, State and local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type) NA
Ventilation Local Exhaust: NA Special Mechanical (General) Other
Protective Gloves Eye Protection: NA
Other protective Equipment: NA

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: None
Other precautions: For external use only. Do not ingest or swallow.