

Section 1. PRODUCT AND COMPANY IDENTIFICATION			
Common Name/Trade Name: <b>DR. K's "IODOWASH"</b>		MSDS No.	77001
Manufacturer	Radiation Decontamination Solutions, LLC 141 Stevens Avenue Suite 9 Oldsmar FL 34677 813-854-5100 813-854-5120 fax	Catalog Number	0131
		<b>IN CASE OF EMERGENCY CALL (813) 854-5100 Eastern time 9:00 am - 4:00 pm</b>	
Supplier	Radiation Decontamination Solutions, LLC 141 Stevens Avenue Suite 9 Oldsmar FL 34677 813-854-5100 813-854-5120 fax	Product Use	Clean up radioactive iodine spills.

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS			
Name	Propyl paraben	Methyl paraben	Other non-toxic components
% by Weight	0.02 %	0.18%	Proprietary
CAS registry number	94-13-3	99-76-3	Not appropriate
While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.			

Section 3: HAZARDS IDENTIFICATION	
Appearance	White/Off White liquid, with mild odor.
Potential Health Effects	May irritate eyes or skin. May be harmful if inhaled. May be harmful if swallowed.
Explosion Hazard	Explosive in powder state (dried out), when mixed with oxidizing substances.
Label Precautionary Statement	Caution: Always use appropriate radiation safety measures. This solution is a water based suspension of ion specific resins. As with all chemicals, proper safety measures should be followed. Avoid contact with eyes, mucous membranes, and open cuts.

Section 4: FIRST AID MEASURES	
Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for a least 15 minutes, keep eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.
Skin Contact	Generally the product does not irritate the skin.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as collar, tie, belt or waistband.
Inhalation	If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
Section 5: FIRE FIGHTING MEASURES	

Flash Point	Not available
Upper and Lower Flammable (Explosive) Limits In Air	Not available
Auto-Ignition Temperature	Not available
Flammability Classification	Not available
Products of Combustion	Carbon monoxide, Carbon dioxide
Fire Fighting Media and Instructions	CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Protective Equipment	No special measures required.
Special Remarks on Explosion Hazards	Explosive in powder state (dried out), when mixed with oxidizing substances.

Section 6: ACCIDENTAL RELEASE MEASURES		
Small and Large Spills	Person-related safety precautions: Measures for environmental protection: Measures for cleaning/collecting:	Not required No special measures Pick up mechanically.

Section 7: HANDLING AND STORAGE	
Handling	Information for safe handling: No special measures are required. No special precautions are necessary if used correctly. Information about protection against explosions and fires: No special measures required.
Storage	Requirements to be met by storerooms and receptacles: No special requirements. Information about storage in one common storage facility: Not required. Further information about storage conditions: None.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION	
Engineering Controls	This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Personal Protection	If radioactive take appropriate measures for radioactive spills. Splash Goggles Gloves Lab coats Shoe covering Personal dosimeter

Section 9: PHYSICAL AND CHEMICAL PROPERTIES	
Color	White/Off White
Odor	Mild
Physical state	Liquid
pH	pH 2.5 to 7

Vapor Pressure	Not available
Vapor Density	Not available
Boiling Point	212 ° F (100 ° C)
Freezing Point	32 ° F (0 ° C)
Melting Point	Undetermined
Solubility	Some components non-soluble
Specific Gravity or Density	Undetermined

Section 10: STABILITY AND REACTIVITY	
Stability	The product is stable.
Instability Temperature	No decomposition if used according to specifications.
Conditions of Instability	Dry resin
Incompatible with Various Substances	Dry resin reacts with strong oxidizing agents.
Dangerous Products of Decomposition	Carbon monoxide, Carbon dioxide

Section 11: TOXICOLOGICAL INFORMATION	
Acute Effects	<p>May cause skin irritation.            May be harmful if inhaled.            Material may be irritating to mucous membranes and upper respiratory tract.            May be harmful if swallowed.            No sensitization effect known.</p>
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	

Section 12: ECOLOGICAL INFORMATION	
General	Not known to be hazardous to water.
Ecotoxicity	Not available
BOD% and COD	Not available
Products of Biodegradation	Not available
Toxicity of the Products of Biodegradation	Not available

Section 13: DISPOSAL CONSIDERATIONS	
Waste Disposal	If radioactive treat as radioactive waste. No restrictions on disposal if not radioactive.

Section 14: TRANSPORTATION INFORMATION	
DOT Classification	Not a DOT controlled material (United States).
Identification	Not applicable
Special Provisions for Transport	Not applicable

Section 15: REGULATORY INFORMATION	
Federal and State Regulations	No issue.

Section 16: OTHER INFORMATION			
Revision Data:			
Date	Page/s involved	Details of Change	Prepared By
5/01/2003	All	Initial issue	C. Symmonds
09/06/2007	All	pH & manufacturer/distributor	J.Kuperus
03/27/2008	All	Update address and phone numbers	B. Schmidt
NOTICE: All chemicals may pose unknown hazards and should be used with caution. This MSDS contains data based on our present knowledge, and is intended to be used only as a guide. Radiation Decontamination Solutions, LLC, assumes no responsibility or liability for the use of this product in intended or other methods.			