

Material Safety Data Sheet

(MSDS)

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SECTION 1 - MANUFACTURER INFORMATION

Manufacturer Name:	Decon Laboratories, Inc.	
Trade Name:	IRADECON SOLUTION	Emergency Telephone U.S.: (800) 424-9300 Canada: (703) 527-3887
Chemical Name or Synonym:	N/A	Info Telephone: 610-755-0800
Mfg. Address:	460 Glennie Circle	
City:	King of Prussia	State, Zip: PA 19406

SECTION II - HAZARDOUS INGREDIENTS

CAS #	Chemical Name	Percent	PEL	C	STEL	TLV	C	S	Units	313
7681-52-9	Sodium hypochlorite	0.525-0.656	N/A		N/A				N/A	N
1310-73-2	Sodium hydroxide	0.1-2.0	2 mg/m ³		2 mg/m ³				N/A	N

CAS Numbers beginning with letters are codes for items with no valid CAS assignments; "PEL" is OSHA Permissible Exposure Limit; "C" indicates the standard is a Ceiling value; "S" indicates the chemical has a "Skin Contact" notation; "TLV" is Threshold Limit Value; "313" indicates ingredient is reportable under SARA Title III, Section 313. NA-Not Applicable; NE-Not Established; UN-Unknown

Additional Information: Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200)

SECTION III - PHYSICAL DATA

Boiling Point (°F):	>212	Specific Gravity:	1.083
Vapor Pressure (mm of Hg):	<17.5	% Volatiles:	N/A
Vapor Density (Air=1):	N/A	pH:	11.0
Solubility:	Complete	Evaporation Rate:	N/A
Appearance:	Clear, pale yellow liquid	Odor	Chlorine

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point:	N/A	LEL:	N/A	UEL:	N/A
Extinguishing Media:	Flood with water or CO ₂				
Special Procedures:	Contact with combustibles may ignite or promote combustion.				
Unusual Fire / Explosion Hazards:	None known.				
Additional Information:	Hazard Ratings HMIS: Health = 0 Flammability = 0 Reactivity = 1 Personal Protection = B NFPA: Health = 0 Flammability = 0 Reactivity = 1				

Iradecon Solution

SECTION V - HEALTH HAZARD DATA				
ACUTE HEALTH EFFECTS / SYMPTOMS: Inhalation of mist may cause respiratory irritation. Eye contact may cause irritation with corneal damage. Pre-existing skin conditions and detergent allergies may be aggravated by exposure.				
CHRONIC HEALTH EFFECTS / SYMPTOMS: Prolonged skin contact may lead to skin irritation and dermatitis.				
Carcinogenicity Data:	NTP: N	IARC: N	OSHA: N	OTHER: N/A
First Aid				
Eyes:	Immediately flush eyes with large amounts of water for at least 15 minutes, while holding eyelids open. Seek prompt medical attention.			
Skin:	Wash affected area with large amounts of water. If irritation persists, seek medical attention.			
Inhalation:	Move victim to fresh air. Seek medical attention if irritation persists.			
Ingestion:	Do not induce vomiting. Contact local Poison Control Center or physician immediately.			
SECTION VI - REACTIVITY DATA				
Stability:	Sodium hypochlorite is a strong oxidizing agent.			
Incompatibility (Materials to Avoid):	Mix only with water.			
Hazardous Decomposition or By-Products:	Chlorine gas.			
Polymerization:	Will not occur.			
SECTION VII - SPILL OR LEAK PROCEDURES				
Spill Procedures:	Wear personal protective equipment (see Section VIII). Clean up spill with absorbent material. Wash liquid down the sanitary sewer followed by large volumes of water.			
Waste Disposal Procedures:	Dispose in accordance with federal, state, and local regulations.			
SECTION VIII - SPECIAL PROTECTION INFORMATION				
Respiratory:	None required under normal use conditions.			
Eyes:	Wear safety glasses or goggles.			
Clothing / Protective Gloves:	Not normally required. In situations of extended skin contact, neoprene or other Chemical Resistant Gloves are recommended.			
Ventilation:	Local exhaust not needed under normal use conditions.			
SECTION IX - ADDITIONAL INFORMATION				
Safe Handling and Storage:	Store in a closed container at room temperature away from direct sunlight. Do not freeze. Product is stable for at least 12 months after manufactured. See Expiration on package.			
SECTION X – TRANSPORTATION INFORMATION				
DOT Hazard Class:	Non-Hazardous			

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.