

Material Safety Data Sheet

(MSDS)

Date of Issue: 12/02/2003

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SECTION 1 - MANUFACTURER INFORMATION

Manufacturer Name:	Decon Laboratories, Inc.	
Trade Name:	IRADECON[®]	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

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
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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