

		Material Safety Data Sheet (MSDS)									
Date of Issue: 12/02/2003							Reviewed: 07/18/2014				
SECTION 1 - MANUFACTURER INFORMATION											
Manufacturer Name:		Decon Laboratories, Inc.									
Trade Name:		IRADECON® #4632, #4601					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 (wt %)	PEL	C	STEL	TLV	C	S	Units	313	
7681-52-9	Sodium hypochlorite	<1.05%	N/A		N/A				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@25°C:		1.015				
Vapor Pressure (mm of Hg):		<17.5			% Volatiles:		N/A				
Vapor Density (Air=1):		N/A			pH:		10.0-12.4				
Solubility:		Complete in water			Evaporation Rate:		N/A				
Appearance:		Clear, colorless liquid			Odor		mild bleach odor				
SECTION IV - FIRE AND EXPLOSION DATA											
Flash Point:		>101°C , >215 °F			LEL: N/A		UEL:		N/A		
General Hazards: Product is minimally flammable Flash point >101°C , >215 °F. Chlorine may be released from this product in the presence of acids.											
Extinguishing Media: Water fog, carbon dioxide and dry chemical to fight surrounding fire.											
Fire fighting Procedures: Wear SCBA when fighting fires involving this as a precaution.											
Hazardous Combustion Products: Carbon monoxide, Carbon Dioxide, smoke, organic vapors from dried and heated towels in fire conditions.											
Unusual Fire / Explosion Hazards:		None known.									
Additional Information:											
Hazard Ratings											
HMIS: Health = 2 Flammability = 0 Reactivity = 1 Personal Protection = B											
NFPA: Health = 0 Flammability = 0 Reactivity = 1											

SECTION V - HEALTH HAZARD DATA

ACUTE HEALTH EFFECTS / SYMPTOMS:

Inhalation: No adverse affects are anticipated from inhalation**Skin:** Normal exposure (contact) is not likely to cause significant skin irritation.**Eyes:** Causes moderate eye irritation.**Ingestion:** May cause gastrointestinal irritation and upset.

Carcinogenicity Data:	NTP: N	IARC: N	OSHA: N	California Prop 65: N
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First Aid

Eyes: If in eyes, hold eye open and rinse slowly and gently with water for at least 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eyes. Seek prompt medical attention.**Skin:** Wash with soap and water. No further aid should be required.**Inhalation:** No specific treatment- suspected hazard by this route is minimal. **Note to Physician:** No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.**Ingestion:** No specific treatment-suspected hazard by this route is minimal.

SECTION VI - REACTIVITY DATA

Stability: This product is stable under normal use and storage conditions.**Conditions to Avoid:** Excessive heat and light exposure. Avoid contact with incompatible materials listed in the following section;**Incompatibility (Materials to Avoid):** Avoid contact with acids, reducing agents, ammonia, or heavy metals such as nickel, cobalt, copper, and iron. Reacts with other household chemicals such as toilet bowl cleaners, rust removers, vinegar, acids or ammonia containing products to produce hazardous gases, such as chlorine or other chlorinated species.**Hazardous Decomposition or By-Products:** Chlorine in the presence of acids.**Hazardous Polymerization:** Will not occur.**Conditions to Avoid:** None related to polymerization.

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:** Good ventilation should be sufficient for most 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