SAFETY DATA SHEET

•SECTION 1 - MANUFACTURER AND PRODUCT IDENTIFICATION•

WISCONSIN PHARMACAL COMPANY
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EMERGENCY NUMBER: 1-800-255-3924
(24 HOURS)
INFORMATION NUMBER: 1-800-558-6614
(BUSINESS HOURS)

PRODUCT NAME: X-RAY APRON SURFACE DISINFECTANT
PRODUCT CODE: PF7287;7153

PREPARED BY: K. Davis DATE UPDATED: 11-08-2018

EPA REG. NO.: 6836-289

HMIS:	
Health Hazard:	1
Fire Hazard:	0
Reactivity:	0
Personal Protective Equipment:	B

•SECTION 2 - HAZARDS IDENTIFICATION•

GHS Classification according to Hazard Communication Standard 29 CFR 1910.1200
Not a hazardous substance or mixture.

Precautionary Statements:	Avoid breathing dust/fumes/gas/mist/vapors/spray.
	Do not get in eyes, on skin, or on clothing.
	Do not eat, drink, or smoke when using this product.
	Get medical advice/attention if you feel unwell.
	Protect from sunlight. Store in a well ventilated place.
	Store in a dry place. Store in a closed container.
	Dispose of contents/container in accordance with local regulation.

•SECTION 3 – COMPOSITION INFORMATION ON INGREDIENTS•

NOTE: Hazardous ingredients as defined by OSHA, 29CFR 1910.1200, and/or WHMIS under the HPA. These substances are listed because in their pure bulk form, they meet the OSHA definition of hazardous. Any hazards associated with this finished product are listed in Section 2 of this MSDS. Unidentified ingredients are proprietary or non-hazardous. This data represents typical values, not product specifications. No guarantee of accuracy or completeness is made. No responsibility is assumed for any kind of loss or damages arising from use of this data.

Chemical name	**CAS Number**	**Content (w/w)**
Quaternary ammonium compounds, di-C_8-C_{10}-alkyldimethyl, chlorides	68424-95-3	0-0.10% *
Quaternary ammonium compounds, benzyl-C_{12}-C_{16}-alkyldimethyl, chlorides	68424-85-1	0-0.10% *

*The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

•SECTION 4 - FIRST AID PROCEDURES•

If inhaled:	Remove individual to fresh air and seek medical attention if breathing becomes difficult or if respiratory irritation develops.
If on skin:	Wash affected areas with soap and water. Seek medical attention if irritation develops.
If in eyes:	Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation develops.
If swallowed:	Immediately drink water to dilute. Seek medical attention if symptoms develop. Never give anything by mouth to an unconscious person.

•SECTION 5 – FIRE-FIGHTING MEASURES•

Suitable extinguishing media:	Alcohol foam Carbon dioxide Dry Chemical Water
Additional information:	Hazardous decomposition products formed under fire conditions.
Protective equipment for fire-fighting:	Normal fire-fighting equipment and the personal protective equipment recommended in Section 8 to include a NIOSH approved self-contained breathing apparatus.

•SECTION 6 - ACCIDENTAL RELEASE MEASURES•

Personal precautions:	Use personal protective clothing. Wear self-contained breathing apparatus and protective suit.
Environmental precautions:	The product should not be allowed to enter drains, water courses or the soil. Notify all downstream users of possible contamination. Avoid runoff into storm sewers and ditches which lead to water-ways.
Cleanup:	Contain spillage, soak-up with non-combustible absorbent material and transfer to a container for disposal according to local/national regulations.

•SECTION 7 - HANDLING AND STORAGE•

General Storage advice:	Store in unopened original containers in a dry place.

•SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION•

The following applies to Industrial Settings only:

Advice on system design:	Ensure adequate ventilation.
Personal protective equipment:	
Respiratory protection:	Wear a NIOSH-certified (or equivalent) respirator.
Hand protection:	Rubber/Neoprene gloves
Eye protection:	Tightly fitting safety goggles (chemical goggles); full faceshield in addition if splashing is possible.
Body protection:	Body protection must be chosen based on level of activity and exposure.
General safety and hygiene measures:	Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Immediately remove all contaminated clothing. Wash contaminated clothing before reuse.

•SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES•

Appearance:	Liquid
Color:	Clear
Odor:	Slightly sweet odor
Odor Threshold:	No data available
pH value:	6 – 7
Melting range:	Not determined
Flash Point:	Not determined
Evaporation rate:	Not determined
Flammability:	Not determined
Upper/Lower Flammability Limits:	Not determined
Vapor pressure:	Not determined

Specific Gravity:	1.0 (25°C)
Solubility:	Water soluable
Partitioning coefficient n- octanol/water [log (P_{ow})]	Not determined
Viscosity, dynamic:	0.66mPa.s (20°C)
Decomposition temperature:	Not determined

•SECTION 10 – STABILITY AND REACTIVITY•

Reactivity:	The product has no reactivity when stored and handled as prescribed or indicated.
Chemical Stability	The product is stable if stored and handled as prescribed or indicated.
Hazardous reactions:	Product will not polymerize
Conditions to avoid:	None known
Incompatible materials:	Strong reducing agents and strong oxidizing agents
Decomposition products:	Hydrogen chloride, amines, organic materials, nitrogen oxides, and carbon oxides

•SECTION 11 – TOXICOLOGICAL INFORMATION•

Acute toxicity	
Dermal:	>5,000mg/kg (estimate)
Carcinogenicity:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by: • National Toxicology Program (NTP) Report on Carcinogens • International Agency for Research on Cancer (IARC) Monographs • OSHA • ACGIH
Other Information:	The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

•SECTION 12 – ECOLOGICAL INFORMATION•

Ecotoxicity	No data available
Persistance and degradability	No data available
Bioaccumulative potential	No data available

•SECTION 13 – DISPOSAL CONSIDERATIONS•

Waste disposal of substance:	Dispose of as hazardous waste in compliance with local and national regulations.

•SECTION 14 - TRANSPORT INFORMATION•

	Hazard class
Land transport USDOT:	Not regulated
Sea transport IMDG	Not regulated
Air transport IATA/ICAO	Not regulated

•SECTION 15 - REGULATORY INFORMATION•

Federal Regulations
Registration status:

CERCLA Reportable Quantity	This material does not contain any components with a CERCLA RQ.
SARA 304 Extremely Hazardous Substances Reportable Quantity	This material does not contain any components with a section 304 EHS RQ.
SARA 311/312 Hazards	No SARA hazards
SARA 302	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

State regulations

State Right To Know	
MA, NJ, PA	No components are subject to the Massachusetts, Pennsylvania, or New Jersey Right to Know Act
California Prop 65	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

FIFRA Labeling	This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:
Signal Word:	CAUTION!
Hazard Statement:	Causes moderate eye irritation.
EPA No.:	6836-289

•SECTION 16 - OTHER INFORMATION•

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide emergency responders an on-the-spot alert to the hazards of a material and their severity. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

KEY/LEGEND: EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration.

LITERATURE REFERENCES: None

DISCLAIMER: This SDS provides a brief summary of the physical and chemical characteristics of this product to guide safe handling, use, processing, storage, transportation, disposal and release of the products and is not to be considered as a warranty or quality specification. It is not a comprehensive document on worldwide hazard communication regulations. It is compiled from sources considered valid and accurate. The information provided on this SDS is believed to be accurate to the best of our knowledge, information and belief at the date of its publication. Wisconsin Pharmacal Company LLC will not be held liable or responsible for any claims, losses, or damages of any third party, or for lost profits or any special, indirect, incidental, consequential or exemplary damages arising from the use of this information.

1	HEALTH HAZARD
0	FIRE HAZARD
0	REACTIVITY
B	PPE