



This Product Is Not Available For Sale or Distribution

SAFETY DATA SHEET

PI-SPRAY CLEANING SOLUTION

Section 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name: Pharmaceutical Innovations Inc
Address: 897 Frelinghuysen Avenue, Newark, New Jersey USA
07114
Telephone : 973-242-2900
Emergency: 973-242-2900
Product Form: Liquid
Use(s): Cleaning
MSDS Date: 07/14/2015

Explosion Data:

Sensitivity to Mechanical Impact: none
Sensitivity to Static Discharge: none
Protective Equipment and Precautions for Firefighters: Use NIOSH/MSHA approved self-contained breathing apparatus and protective clothing

Section 2: HAZARDS INFORMATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance: Blue green, clear liquid; **Physical state:** Liquid.

Odor: Perfumed

Potential Health Effects

Acute toxicity:

Eyes: Causes irritation.
Skin: May cause irritation
Inhalation: May cause distress
Chronic Effects: No known effect based on information supplied

Aggravated Medical Conditions: None known.

Environmental hazard: See Section 12 for additional Ecological Information

NFPA: Health Hazard 2 **Flammability** 1 **Stability** 0
HMIS: Health Hazard 2 **Flammability** 1 **Physical Hazard** 0

Section 6: Accidental Release Measure

Accidental Release: Contain spills and leaks to prevent discharge to the environment. Ventilate immediately.
Small Spills: Soak up with absorbent, shovel into Waste.
Large Spills: Recover spilled material for disposal.
Waste disposal method: Material collected with absorbent may be disposed in a permitted landfill in accordance with federal, state and local regulations
Personal precautions: Ensure adequate ventilation
Environmental precautions: Try to prevent the material from entering drains or water courses.
Methods for Containment: Dike large spills and pump to suitable containers. Flush area with water.
Methods for cleaning up: Mop up small spills and flush to sewer with plenty of water

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS NO	OSHA PEL	ACGIH TLV
Alkyl Dimethyl Benzyl ammonium chlorides	68391-01-5	NL	NL
Alkyl Dimethyl ethyl benzyl ammonium chloride	85409-23-0 (68956-79-6 Alternative)	NL	NL

Section 7: HANDLING & STORAGE

Advice on safe handling: KEEP OUT OF REACH OF CHILDREN
CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Harmful if swallowed. Do not contaminate water, food, or feed. Avoid overheating or freezing, store in a cool, well ventilated area.

Section 4: FIRST AID MEASURES

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Call a physician.
Skin contact: Wash off skin and remove contaminated clothing. Wash contaminated clothing before reuse.
Inhalation: If vapors or mist cause distress, remove to fresh air
Ingestion: If swallowed, consult a physician immediately. Probable mucosal damage may contraindicate the use of gastric lavage. Drink egg whites or gelatin solution or if these are not available, drink large quantities of water.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Care should be taken to avoid eye contact
Protective Gloves: Not Required
Other Protective Measures: Not Required
Ventilation: Not Required
Work:/Hygienic Practices: Normal

Section 5: FIRE-FIGHTING MEASURES

Flammable Properties: Not flammable
Flash Point: Not determined
Suitable Extinguishing Media: All types
Hazardous Combustion Products: If burned, normal combustion products: Carbon dioxide, Carbon monoxide; Nitrous Oxides, Ammonia vapors.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<u>Property</u>	<u>Values</u>
pH:	11.7 ± 0.5
Melting/ Freezing Point	ND
Freezing Point	



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Boiling Point/ Boiling Range: 212°F
Flash Point ND
Evaporation Rate ND
Flammability (Solid, Gas) ND
Flammability Limits in Air ND

Upper Flammability Limit: ND
Lower Flammability Limit: ND
Exposure limits: No information available
Lower ND
Upper ND
Vapor Pressure No information available
Vapor Density >1g/cc
Specific gravity No information available
Water solubility Completely soluble
Solubility in other solvents No information available
Partition coefficient: n-octanol/water No information available
Auto ignition temperature No information available
Decomposition temperature No information available
Viscosity, kinematic No information available
Viscosity, dynamic No information available
Explosive properties No information available
Oxidizing Properties No information available

9.2 Other information

Softening point: No information available
Molecular Weight: No information available
VOC Content (%): No information available
Density VALUE: 1.01 g/cc
Bulk Density VALUE: No information available

Section10: STABILITY & REACTIVITY

Stability: Stable
Incompatible Products: Strong oxidizing agents
Conditions to Avoid: None known
Hazardous Decomposition Products: normal combustion products:
Carbon dioxide, Carbon monoxide; Nitrous oxides and Ammonia vapors
Hazardous Polymerization: Hazardous polymerization does not occur

Section11: TOXICOLOGICAL INFORMATION

Acute toxicity: > 50-500 mg/kg

Chronic toxicity: Unknown
Target Organ Effects

Carcinogenicity: This product is not listed a carcinogen by OSHA, NTP, IARC, ACGIH or NIOSH

Section 12 : ECOLOGICAL INFORMATION

Ecotoxicity: The environmental impact of this product has not been fully investigated
Environmental Fate: This product is biodegradable.

Section 13: DISPOSAL CONSIDERATIONS

CONTAINER DISPOSAL - Nonrefillable container. Do not reuse or refill container. Clean container promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill.

Section 14: TRANSPORT INFORMATION

Dot: Not regulated
Proper shipping name: Cleaning Solution, Not Regulated
TDG Not regulated
ICAO/IATA Not regulated
IMDG / IMO Not regulated
ADN Not regulated

Section 15: REGULATORY INFORMATION

TSCA Complies
DSL Complies
NDSL Complies
EINECS Complies
ELINCS -
ENCS -
IECSC Complies
KECL Complies
PICCS Complies
AICS Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

Section 16: OTHER INFORMATION

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.