

MATERIAL SAFETY DATA SHEET

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DATE REVISED: 3-28-11
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(1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

SECTION 1-Product Identification

Product Name: Poison Resistant Soaking Solution

Synonyms:

Part Number: 9210432

SECTION 2-Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent	Hazardous
Water	7732-18-5	73.1	no
Potassium Chloride	7447-40-7	26.0	no
Silver Chloride	7783-90-6	0.2	no
Non-hazardous proprietary ingredient		0.7	no

SECTION 3-Hazards Identification

Health Rating: 0
Flammability Rating: 0
Reactivity Rating: 0

Lab Protective Equip: gloves, safety goggles

SECTION 4-First Aid Measures

INHALATION: No known effects, remove to fresh air if necessary.
INGESTION: Dilute with water. Seek medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.
SKIN CONTACT: Wash with soap and water for 15 minutes.
EYE CONTACT: Flush with water for at least 15 minutes.

SECTION 5-Fire Fighting Measures

Fire: Non-flammable
Explosion: N/A
Fire Extinguishing Media: Fight Surrounding Fire
Special Information: N/A

SECTION 6-Accidental Release Measures

Rinse area with water; mop. Dispose in accordance with federal, state and local regulations.

SECTION 7-Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area.

SECTION 8-Exposure Controls/Personal Protection

Airborne Exposure Limits: N/E

Ventilation System: Normal room ventilation is generally adequate.

Personal Respirators (NIOSH Approved): None required.

Skin Protection: Gloves, lab coat.

Eye Protection: Use safety glasses or goggles.

SECTION 9-Physical and Chemical Properties

Appearance: Clear, colorless liquid sloution

Odor: Odorless

Solubility: Miscible in water

Specific Gravity: 1.00

pH: approximately 7

Boiling Point: Approximately 102°C

Melting Point: -7.5°C

Vapor Density (Air=1): N/A

Vapor Pressure (mm Hg): N/E

Evaporation Rate (BuAc=1): N/E

SECTION 10-Stability and Reactivity

Stability: Stable

Hazardous Decomposition Products: Emits toxic fumes of chlorine and potassium oxide when heated to decomposition.

Hazardous Polymerization: Will not occur

Incompatibilities: Iron, cement, BrF3, sulfuric acid and potassium permanganate.

Conditions to Avoid: Heat, incompatibles.

SECTION 11-Toxicological Information:

Potassium chloride: Oral rat LD50: 2600 mg/kg. Irritation eye rabbit (std Draize): 500 mg/24H mild. Oral human

LDlo: 20 mg/kg. Investigated as a mutagen.

-----\Cancer Lists\-----

Ingredient	---NTP Carcinogen---		IARC Category
	Known	Anticipated	
Potassium Chloride (7447-40-7)	No	No	None

SECTION 12-Ecological Information

Environmental Fate: N/A

Environmental Toxicity: N/A

SECTION 13-Disposal Considerations

Material must be stored and disposed of in accordance with all local, state and federal laws.

SECTION 14-Transport Information

Not regulated

SECTION 15-Regulatory Information

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-----\Chemical Inventory Status - Part 1\-----
Ingredient                                     TSCA  EC   Japan  Australia
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Potassium Chloride (7447-40-7)                Yes  Yes   Yes    Yes
    
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-----\Chemical Inventory Status - Part 2\-----
Ingredient                                     Korea  DSL   NDSL  Phil.
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Potassium Chloride (7447-40-7)                Yes   Yes   No    Yes
    
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-----\Federal, State & International Regulations - Part 1\-----
Ingredient                                     -SARA 302-  -SARA 313-
RQ  TPQ  List  Chemical Catg.
-----
Potassium Chloride (7447-40-7)                No   No    No    No
    
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-----\Federal, State & International Regulations - Part 2\-----
Ingredient                                     CERCLA  -RCRA-  -TSCA-
                                     261.33  8(d)
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Potassium Chloride (7447-40-7)                No      No      No
    
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Chemical Weapons Convention: No TSCA 12(b): No CDTA: No
 SARA 311/312: Acute: Yes Chronic: No Fire: No Pressure: No
 Reactivity: No (Pure / Liquid)

Australian Hazchem Code: None allocated.

Poison Schedule: None allocated.

WHMIS:

This **MSDS** has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the **MSDS** contains all of the information required by the CPR.

SECTION 16-Other Information

N/A

NFPA Ratings: Health:0 Flammability:0 Reactivity:0

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