

MATERIAL SAFETY DATA SHEET

Innovative Remediation Technologies, Inc.
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PRODUCT INFORMATION

Product Name: **LeachX B**

The product is a liquid mixture of inorganic salts at a high pH (~ 12.0) that poses minimal health risk. May cause irritation to skin, eyes and respiratory tract.

INGREDIENTS

Composition

Inorganic Salts Information Withheld "Trade Secret"

PHYSICAL DATA

Appearance and odor: Milky white liquid with minimal odor.

Melting point: NA

Decomposition point: NA.

Solubility: Complete in water

Specific gravity: Approximately 1.2 for saturated water solution.

Vapor pressure: Not applicable at ambient temperature.

PH: 12.0

CAS: Registry: 10043-52-4, 1305-62-0

FIRE AND EXPLOSION INFORMATION

Flash point: Not applicable.

Autoignition temperature: Not applicable.

Flammable limits in air: Not applicable, Flammability rating = 0.

Extinguishing media: NA

HEALTH INFORMATION

Health Rating = 1, slight.

Threshold limit value (TLV): OSHA nuisance dust limit of 5 mg/m³. PEL = 5 mg/m³

Eyes: Contact will produce pain and irritation.

Skin: Contact may cause irritation and rashes.

Inhalation: Mist can irritate the respiratory tract.

Ingestion: Large amounts can cause local gastrointestinal upset. Drink plenty of water if swallowed.

EMERGENCY & FIRST AID PROCEDURES

Eyes: Flush with water. Seek medical attention.

Skin: Remove contaminated clothing and flush with water.

Inhalation: Move to fresh air. Call physician.

Ingestion: If large amounts are swallowed seek medical assistance promptly. Drink plenty of water to dilute the ingested material. Seek medical attention.

REACTIVITY DATA

Stability: Stable under normal conditions.

Incompatibility: Acids, fluorine.

Hazardous polymerization: Will not occur.

Hazardous decomposition products: None.

SPILL OR LEAK PROCEDURES

Prevent large quantities from contacting vegetation and waterways. The high pH of material is harmful to aquatic life. If the spill is free of organic or combustible matter it may be scooped into containers for immediate use or disposal by adjusting the pH. This product is not a RCRA hazardous waste and is not listed under SARA Title III, 302, 304 or 313.

Disposal of this product or its residues must be in accordance with all local, state, and Federal requirements.

PERSONAL PROTECTION INFORMATION

Eyes: Safety glasses as minimum requirements.

Skin: Clothing covering the arms and legs as well as protective gloves should be worn.

Respiratory: A NIOSH approved dust respirator is recommended when applicable dust (mist) standards are exceeded.

SPECIAL PRECAUTIONS

Store in a dry building.

The information herein is given in good faith, but no warranty expressed or implied, is made.

FOR CHEMICAL EMERGENCY:

Call Innovative Remediation Technologies Inc., 8am to 5pm at 540-230-4717