



MATERIAL SAFETY DATA SHEET:

2015

PRODUCT INFORMATION:

Manufacturer:

LeakShot

28438 Roadside Drive Agoura Hills, CA
91301

1. CHEMICAL PRODUCT IDENTIFICATION

Product description: A 3,22 weight ratio , 37.5% solution in water

Product Use: Leak sealer for swimming pools, spas and hot tubs.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical & Common Name	CAS Registry Number	Wt.%	OSHA PEL	ACGIH TLV
Water	7732-18-5	62.5%	Not Established	Not Established
Silicic acid, Sodium salt: Sodium Silicate	1344-09-8	37.5%	Not Established	Not Established
Cellulose	9004-36-6		Not Established	Not Established

3. HAZARDS IDENTIFICATION

Emergency Overview: Clear to hazy, colorless, odorless, thick liquid. Causes eye, skin and Digestive tract irritation. Spray mist causes irritation to respiratory tract. Due to high pH of product, release into surface water is harmful to aquatic life. Non-combustible. Spills are slippery. Reacts with acids, ammonium salts, reactive metals and some organics.

Eye contact: Causes moderate irritation to the eyes.

Skin contact: Causes moderate irritation to the skin.

Inhalation: Spray mist is irritating to respiratory system.

Ingestion: May cause irritation to mouth, esophagus, and stomach.

Chronic hazards: No known chronic hazard. Not listed by NTP, IARC or OSHA as a Carcinogen

Physical hazards: Dries to form glass film which can easily cut skin. Spilled material is very Slippery. Can etch glass if not promptly removed.

LEAKS!!!



4. First Aid Measures

- Eye:** In case of splashing into eyes, immediately flush eyes with clean water for at least 15 minutes. If irritation persists get medical attention.
- Skin:** In case of contact with skin, wash with warm water and soap. In contact with clothing or shoes remove and wash.
- Inhalation:** Material is odourless, open container in adequate ventilation.
- Ingestion:** If swallowed, do not induce vomiting. Get medical attention immediately.
If victim is fully conscious, give a cupful of water.

5. Fire Fighting Measures

- Flammable limits:** This material is non-combustible.
- Extinguishing Media:** This material is compatible with all extinguishing media.
- Hazards to fire-fighters:** See section 3 for more information on hazards when this material is present in the area of fire.
- Fire-fighting equipment:** The following protective equipment for fire fighters is recommended when this material is present in the area of a fire: chemical goggles, body covering protective clothing, chemical resistant gloves, and rubber boots.
- Hazardous Combustion**
- Products:** Not available
- Explosion data**
- Sensitivity to mechanical impact and static discharge:** Not applicable.

6. ACCIDENTAL RELEASE MEASURES

- Personal protection:** Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots. See section 8.
- Environmental Hazards:** Sinks and mixes with water. High pH of this material is harmful to aquatic life, see section 12. Only water will evaporate from a spill of this material.
- Small spill cleanup:** Mop up and neutralize liquid, dispose in accordance with federal, provincial and local regulations or permits.
- Large spill cleanup:** Keep unnecessary people away, isolate hazard area and deny entry. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent runoff from entering into storm sewers and ditches which lead to natural waterways. Isolate, dike and store discharged material, if possible. Use sand or earth to contain spilled material. If containment is impossible, neutralize contaminated area and flush with large quantities of water.
- CERCLA RQ (US):** There is no CERCLA Reportable Quantity for this material. If a spill goes Site, notification of state and local authorities is recommended.



7. HANDLING AND STORAGE

- Handling: Avoid contact with eyes, skin and clothing. Avoid breathing spray mist, Keep container closed. Promptly clean residue from closures with cloth dampened with water. Promptly clean up spills.
- Storage: Keep containers closed. Store in clean steel or plastic containers. Separate from acids, reactive metals, and ammonium salts. Storage temperature 0-95C. Loading temperature 45-95C. Do not store in aluminum, fiberglass, copper, brass, zinc or galvanized containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering controls: Use with adequate ventilation. Keep containers closed. Safety shower And eyewash fountain should be within direct access.
- Respiratory protection: Use a NIOSH-approved dust and mist respirator where spray mist Occurs. Observe Provincial regulations for respirator use.
- Skin protection: Wear body-covering protective clothing and gloves.
- Eye protection: Wear chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Thick liquid.
- Color: Clear to hazy white.
- Odor: Odorless
- Odor threshold: Not applicable
- pH: Approximately 11.3
- Specific gravity: 1.39 g/cm (20C). 41 Be, 11.62 lbs/gal
- Solubility in water: Miscible.
- Flashpoint: Not applicable.
- Auto-ignition temperature: Not applicable.
- Vapor pressure: Not applicable.
- Vapor density: Not applicable.
- Evaporation rate: Not applicable.
- Boiling point: Not applicable.
- Freezing point: Not applicable.
- Coefficient of water /oil distribution: Not applicable.

10. STABILITY AND REACTIVITY

- Stability: This material is stable under all conditions of use and storage.
- Conditions to avoid: None.
- Materials to avoid: Gels and generates heat when mixed with acid. May react with ammonium salts resulting in evolution of ammonia gas. Flammable hydrogen gas may be produced on contact with aluminum, tin, lead and zinc.
- Hazardous decomposition Products: Hydrogen.



11. TOXICOLOGICAL INFORMATION

Acute Data: Eye and skin irritation potential, a similar material
Caused moderate irritation to the eyes and moderate irritation to the skin. Human experience indicates that skin irritation occurs, particularly, when on clothes at the collar, cuffs or other areas where abrasion may occur.

12. DISPOSAL CONSIDERATIONS

Disposal Method: Dispose in accordance with federal, provincial and local regulations.

TRANSPORT INFORMATION

TDG UN Status: This material is not regulated hazardous material for transportation.

REGULATORY INFORMATION

WHMIS (Canada) Class D2B
This product had been classified in accordance with the hazard criteria Of the Controlled Products Regulations and MSDS contains all the Information required by the Controlled Products Regulations.

DSL (Canada): All components of this formulation are listed on the CEPA-DSL
CERCLA (US): No CERCLA Reportable Quantity has been established for this Material.

SARA TITLE III (US): Not an Extremely Hazardous Substance under 302. Not a toxic Chemical under 313. Hazard Categories under 311/312:

TSCA (US): All ingredients of this material are listed on the TSCA inventory.