



# MARLIG INDUSTRIES, INC.

3308 Fairway Road, Niagara Falls, Ontario, Canada L2J 3R6 (905) 374-2560

U.S.A. Mailing Address: PO Box 117, L.P.O., Niagara Falls, New York 14304 Fax: (905) 356-6807

MATERIAL SAFETY DATA SHEET 2013

## PRODUCT INFORMATION:

Manufacturer: Marlig Industries Inc.  
 Address: 3308 Fairway Rd  
 Niagara Falls, ON. Canada L2J 3R6

Emergency Phone Number: 905-374-2560  
 Trade Name: Fix A Leak

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Fix A Leak  
 Product description: A 3,22 weight ratio Fix A Leak, 37.5% solution in water  
 Product Use: Leak sealer for swimming pools, spas and hot tubs.  
 Manufacturer: Marlig Industries  
 3308 Fairway Rd  
 Niagara Falls, ON L2J 3R6  
 Phone number: 905-374-2560  
 Fax number: 905-356-6807

### 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.



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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.

#### 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.



# **M** **MARLIG INDUSTRIES, INC.**

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- 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 or musty odor.
- 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.





