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## MATERIAL SAFETY DATA SHEET

#### **Section 1 - Product Information**

Manufacturer: Marlig Industries, Inc. Address: 3308 Fairway Road

Niagara Falls, Ontario L2J 3R6

Emergency Telephone Number: (905) 374-2560

Sales Name: Geo-Loop Conditioner
Chemical Name: No- Sodium Silicate Solution

Silicic acid, sodium salt

## Section 2 - Physical Data

Appearance and Odor: Viscous Liquid. Colorless to Hazy

Specific Gravity:1.394Solubility in Water:CompleteSolids Content:37.6pH (aqueous liquids only):11.3

# Section 3 - Fire or Explosion Hazard

Flash Point (C):	)
Flammable Limits (Vapor In Air, Vol. %):	) non flammable aqueous liquid
Fire Extinguishing Media:	)
Special Fire Fighting Procedures:	)
Unusual Fire and Explosion Hazards:	)

### **Section 4 - Reactivity Data**

Stability: Stable

Conditions To Avoid: Flammable Hydrogen gas may be produced

Incompatibility (materials to avoid):

On prolonged contact with metals such as aluminum,

tin, lead and zinc

Hazardous Decomposition Products: Gels when mixed with acid.

Hydrogen

### **Section 5 - First Aid Procedures**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

#### Antidote:

If swallowed, do not induce vomiting. Give large quantities of water or milk. Never give anything by mouth to an unconscious person. Call a physician.

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#### **Section 6 - Preventative Measures**

Avoid contact with eyes or skin. Wash thoroughly after handling.

Engineering Control: Not applicable. Special Shipping Information: Not required.

Environmental Hazard: High pH (alkalinity) of undiluted un-neutralized

material is harmful to aquatic life.

Spillage: Sinks and mixes with water.

Small quantities (less than 100 gallons) - Mop up

and flush to sewer with plenty of water

Water Disposal Method: Small quantities (less than 100 gallons) flush to

sewer with plenty of water

# **Section 7 - Toxicological Properties**

Route of Entry:

Eye Contact: Causes irritation. Skin Contact: Causes irritation.

Inhalation: Spray mist may damage respiratory tract.

Ingestion: Causes irritation.

Chronic Hazard: None known. Not listed by NIP, IARC or OSHA as

a carcinogen.

Exposure Limits: Permissible exposure limit, or ACGIH Threshold

Limit Value, has not been established. NSL recommended calling limit 5 mg/m3.

Exposure Analysis Methods: Bubble sample through standard acid solution and

titrate.

# **Section 8 - Hazardous Ingredients**

Composition: 100% Liquid Sodium Silicate Solution

Cas Registry Number: 1344-09-8

LD: Oral, rats, 3.3-8.4 gm/kg.

50:

Geo-Loop Conditioner: Nontoxic, Nonflammable, Liquid Closed-Loop Conditioner and Sealant

## **Section 10 - Preparation:**

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