

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product name** : SILICA SOIL BINDER

**Product Use:** : ALKALINE SOLUTION INORGANIC SILICATE  
**Restrictions on use:** FOR INDUSTRIAL OR PROFESSIONAL USE ONLY

**Company** : SHARE CANADA  
1691 CHURCH AVENUE  
WINNIPEG, MB R2X 2Y7  
TELEPHONE: 1-800-665-7692

**Emergency number** : CANUTEC 1-613-966-6666

## SECTION 2 - HAZARDS IDENTIFICATION

**Hazard classification:** SERIOUS EYE DAMAGE

**Symbols:**



**Signal word:** DANGER  
**Hazard statement(s):** CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE DAMAGE.

**Precautionary statements:** WASH THOROUGHLY AFTER HANDLING. WEAR EYE PROTECTION, PROTECTIVE CLOTHING, PROTECTIVE GLOVES.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION
SODIUM SILICATE	1344-09-8	10 - 30 %

## SECTION 4 – FIRST AID MEASURES

**First-aid measures general** : If you feel unwell, seek medical advice (Show the label where possible).

**First-aid measures after inhalation** : Remove victim to fresh air.

**First-aid measures after skin contact** : Rinse with water / shower. Remove contaminated clothing and wash all exposed skin with mild soap and water followed by a warm water rinse. Wash contaminated clothing before reuse. If skin irritation or rash occurs, get medical attention.

**First-aid measures after eye contact** : Remove contact lenses if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Get immediate medical attention

**First-aid measures after ingestion** : Rinse mouth. Do NOT induce vomiting.

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Symptoms/injuries	:	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	:	None under normal use.
Symptoms/injuries after skin contact	:	Causes skin irritation.
Symptoms/injuries after eye contact	:	Causes serious eye damage.
Symptoms afer ingestion	:	Gastrointesinal constraints.

## SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media	All extinguishing media allowed.
Reactivity:	This product is non-reactive under normal conditions of use, storage and transport.
Firefighting instructions	Exercise caution when fighting any chemical fire. Take account of environmentally hazardous fire fighting water.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

General measures:	Isolate from fire, if possible, without unnecessary risk.
Protective equipment	Gloves, Protective goggles. Protective clothing.
Emergency procedures	Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.
Protective equipment	Equip cleanup crew with proper protection.
Emergency procedures	Stop leak if safe to do so. Stop release. Ventilate area.
For containment:	Contain released substance, pump into suitable containers.
Methods for cleaning up	This material and its container must be disposed of in a safe way, and as per local legislation.

## SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling	Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.
Hygiene measures	Wash thoroughly after handling. Wash contaminated clothing before reuse.
Technical measures	Comply with applicable regulations.
Storage conditions	Keep container closed when not in use. .
Storage area	Meet the legal requirements. Store in a cool, dry, well-ventilated area.
Incompatible products:	Strong acids.

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### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

Personal protective equipment:

: No additional information.

Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves, protective clothing, safety glasses.



### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Liquid
Appearance	:	White, opaque liquid.
Odour	:	No odour.
Odour threshold	:	No data available
pH	:	11 - 12
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	> 93.7 Closed cup
Relative evaporation rate (butyl acetate=1)	:	No data available
Flammability (solid, gas)	:	No data available
Explosion limits	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Vapour pressure	:	No data available
Relative density	:	No data available
Relative vapor density at 20 °C	:	No data available
Specific gravity / density	:	1.2 g / mL
Solubility	:	Soluble in water.
Log Pow	:	No data available
Log Kow	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
VOC content	:	0 %

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### SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** This product is non-reactive under normal conditions of use, storage and transport.

**Incompatible materials :** Acids.

**Conditions to avoid:** No additional information available.

**Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: Not classified.

Sodium silicate (1344-09-8)	
LD50 (oral) rat	>2000 mg/kg (rat)

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye damage. pH 11-12
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified
Symptoms/injuries after inhalation	None under normal use..
Symptoms/injuries after skin contact	Causes skin irritation.
Symptoms/injuries after eye contact	Causes serious eye damage.
Symptoms / injuries after ingestion	Gastrointestinal complaints.

### SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General): No additional information available.

Persistence and degradability: No additional information available.

Bioaccumulation potential: No additional information available.

### SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14 – TRANSPORT INFORMATION

Transportation of Dangerous Goods (TDG): Not regulated for transport.

# SILICA SOIL BINDER

## SECTION 15 - REGULATORY INFORMATION

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015

## SECTION 16 - OTHER INFORMATION

**Information Sources:** SUPPLIER'S SDS  
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