

Safety Data Sheet

Section 1: SILK BALANCE WATER SOLUTIONS

Product Name: **SILKBALANCE WATER TREATMENT**

Product Use: Water conditioner for Spa applications

Details of Manufacturer

Silk Water Solutions Inc
 Unit # 105 19871 57A Avenue
 Langley British Columbia, Canada

Phone: 604-532-6002
 FAX 604-385-1586

Date of Preparation: April 2015

Emergency Phone Numbers

Canada – CANUTEC 1-613-996-666 OR *666 Cell Phone
 USA or CANADA: Call CHEMTREC 1-800-424-9300

Section 2: Hazards Identification

Moderate eye irritant	data from TOXNET

Section 3: Hazardous Ingredients

INGREDIENT	LD ₅₀	LC ₅₀	CAS#	RANGE %
Sodium Carbonate	2000 mg/kg	No Data	497-19-8	Less than 5

Section 4: First Aid Measures

Ingestion:

If swallowed give plenty of clean water to drink. Do not induce vomiting. Obtain Medical Advice.

Eye Contact:

In case of contact with eyes, flush with clean warm water for 15 minutes. If discomfort continues, obtain medical attention

Section 5: Fire Fighting Measures

Flash Point °C	None
Extinguishing Media	Will not burn or support combustion. Use appropriate
Special Fire Fighting Procedure	None
Unusual Fire or Explosion Hazard	None
Flammable Limits	None
Auto Ignition Temperature	None
Conditions of Flammability	None
Suitable Extinguishing Media	Water Spray, Foam, Carbon dioxide as appropriate

Section 6: Accidental Release Measures

Contain accidental spills and prevent access to storm water drains or surface water run-off.
 Spilled material collected for re-used where feasible.
 Containerize unusable material for recovery or disposal according to local or state regulations

Section 7: Handling and Storage

Store in original containers
Follow use directions given on the label

Section 8: Exposure Controls – Personal Protection

Personal Protective Equipment

No specific personal protection is required. Prevent eye contact

Respiratory Protection:	Not normally required
Ventilation:	Normal ventilation is adequate
Protective Gloves:	Not normally required
Eye Protection:	Protect eyes from contact or splashes

Section 9: Physical and Chemical Properties

Physical State	Liquid	Appearance	Clear Light Blue
Odor	Scent Free	Odor Threshold	Not apply
pH	10.4 direct	Specific Gravity	1.01 g/l
Solubility in Water	Soluble	Freezing/Melting °C	0°C
Flash Point	Not apply	Vapor Pressure	No Data
Boiling Point	100 °C	Evaporation Rate	Similar to water
Lower Flammability	None	Upper Flammability	Not apply
Auto- Ignition Temp	None	Decomposition temp	Not apply
Viscosity @20°C	None	Vapor Density	No Data
Partition Coefficient	>1		

Section 10: Stability and Reactivity

Reactivity	Product is stable
Chemical Stability	Product is stable.
Possible Hazardous Reactions	None
Conditions to Avoid	None specific
Incompatibilities	None
Decomposition	Will not decompose under normal conditions

Section 11: Toxicological Information

Routes of Exposure

Symptoms Summary

Acute toxicity:	Sodium carbonate has no or a low skin irritation potential but reversible eye and respiratory tract irritation is noted. CAS#497-19-8 LD50 4090 mg/kg oral rat. Source data RISKLINE/2006080043
Skin Contact	No problems reported
Skin Absorption	Unlikely
Eye Contact	May cause irritation or redness
Inhalation Acute	Unlikely
Inhalation Chronic	Unlikely
Ingestion	Unlikely
Irritancy	May cause Irritation in undiluted form
Effects of Acute Exposure	No problems reported
Effects of Chronic Exposure	None reported
Carcinogenicity	None reported
Reproductive Toxicity	None reported
Teratogenicity	None reported
Mutagenicity	None reported
Name of Toxicological Synergistic Product:	None

Section 12: Ecological Information

General Ecological information:

No threat to the environment. This a naturally occurring substance

Section 13: Disposal Considerations

Waste disposal of the product;

Containerize minor spills for reuse where possible.

Larger quantities are disposed of according to local and municipal regulations

Section 14: Transport Information

General Information:

Not regulated according Canada Transport of Dangerous Goods

Not regulated according to USA Department of Transportation

Section 15: Regulatory Information

Inventory Status: All ingredients listed are on the Canadian Domestic Substances List and the TSCA 2008 List

Section 16: Other Information

Preparation Data:

Prepared by Technical Advisory Service. Phone 1-604-831-8374. The information provided in this Safety Data Sheet obtained from sources believed to be reliable. Silk Water Solutions Inc. provides no Warranties for the accuracy or completeness of the data contained herein. Product is classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains information as required by the Controlled Products Regulations. PSC Ltd