Material Safety Data Sheet
October 2012

Section 1 – Chemical Product and Company Identification

Trade Name: So-Cal
Chemical Name: Sodium Chloride Brine, Calcium Chloride Brine, with Corrosion Inhibitors
Formula: NaCl & CaCl2
Manufacturer: **Custom Salt Solutions LLC**
900 N Nelson St Ste B
Spokane, WA 99202

Section 2 – Composition/Information on Ingredients

Chemical Name:	CAS. Reg. No.	Approx %
Sodium Chloride	007647-14-5	24.9–26.9%
Calcium Chloride	10043-52-4	9-11%
Corrosion Inhibitor		Proprietary
Water	007732-18-5	63-65%

Section 3 – Hazard Identification

Primary Entry Route: Eyes and skin.
Summary of Acute Effects:
Inhalation: Causes irritation of nose and throat.
Ingestion: May irritate gastrointestinal tract and cause nausea and vomiting.
Eyes: Causes irritation and possible transient corneal injury. Tearing may occur.
Skin: Causes mild irritation. Additional effects may include blisters or sores.

Section 4 – First Aid

Inhalation: Move to fresh air; if breathing is difficult or discomfort persists, GET MEDICAL ATTENTIONS.
Ingestion: If swallowed will cause nausea and vomiting. If victim is conscious, have victim drink water. If victim

is unconscious or having convulsions, do nothing except keep victim warm and GET THEM MEDICAL ATTENTION.

Eyes: Promptly flood with water and continue washing for at least 15 minutes. Consult an ophthalmologist.

Skin: If necessary, remove contaminated clothing and shoes. Flush affected areas with plenty of water for at least 15 minutes.

Section 5 – Fire Fighting Measures

Fire Fighting Equipment: Self-contained breathing apparatus and full protective gear

Flash Point: Not Flammable. **Auto Ignition Temperature:** Not Flammable.

Lower Explosive Limit: N/A **Upper Explosive Limit:** N/A

Unusual Fire and Explosion Hazard: N/A

Extinguishing Media: This product is non-flammable

Special Firefighting Procedures: Avoid breathing corrosive vapors; keep upwind. Dike area to prevent runoff and contamination of water sources

Section 6 – Accidental Release Measures

Dike the spilled liquid, and either pump back into original container or cover with sand or clay-type substance for absorption.

Section 7 – Handling and Storage

Store at ambient temperature. Prevent possible eye and skin contact by wearing protective clothing and equipment. Eye wash and safety shower should be provided within the immediate work area for emergency use. Launder contaminated clothing before re-use.

Section 8 – Exposure Control/Personal Protection

Respiratory Protection: N/A

Ventilation: Use local exhaust in enclosed area. Use natural ventilation for outdoor areas.
Protective Clothing: Use impervious clothing, rubber gloves, and rubber boots.
Eye Protection: Use splash-proof safety goggles and splash shields where there is any possibility of calcium chloride contacting the eyes.
Other Protective Clothing or Equipment: N/A
Work/Hygienic Practices: Avoid contact with eyes, skin, and mucous membranes. Wash hands thoroughly with soap and water before eating, drinking, smoking or using toilet facilities. DO NOT place food, or drink in areas where dusting or splashing of solution is possible.

Section 9 – Physical and Chemical Properties

Appearance:	Clear to straw colored liquid
Oder:	None
pH:	5.0-9.0
Flash Point:	N/A
Boiling Point:	212˚F
Evaporation Rate:	N/A
Flammability:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Specific Gravity:	
Solubility:	Complete in water

Section 10 – Stability and Reactivity

Reactivity: Low reactivity
Chemical Stability: Stable
Conditions to Avoid: None
Materials to Avoid: Metals will slowly corrode in aqueous solution. Keep away from galvanized iron, aluminum, and tin. Concentrated acids, Boric acid, nitric acid and calcium oxide are incompatible.
Hazardous Decomposition Products: If the liquid completely dries from fire, thermal decomposition products may include toxic and corrosive fumes of

chorine and hydrogen chloride. Product may react with some metals (aluminum, zinc, tin, etc.) to release flammable hydrogen gas.

Section 11 – Toxicological Information

LD50: 1000 mg/kg, oral, rat

Section 12 – Ecological Information

Ecotoxicology: Based largely or completely on data from major component(s), material is practically non-toxic to aquatic organisms on an acute basis (LD50 < 100mg/L in most sensitive specs.

Section 13 – Disposal Consideration

All disposal methods must be in compliance with all Federal, State/Provincial, and local laws and regulations. Regulations may vary in different locations.

Section 14 – Transport Information

DOT Proper Shipping Name: N/A
DOT Hazard Class/I.D. No.: N/A

Section 15 – Regulatory Information

Reportable Quantity: N/A
NFPA Rating: Health – 1; Fire – 0; Reactivity – 0
NFPA Rating Meaning: 0=Insignificant; 1=Slight; 2=Moderate; 3=High; 4=Extreme
Carcinogenicity Lists: No
NTP: No
IARC Monogragh: No
OSHA Regulated: No

Section 16 – Other information

This MSDS has been prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) The MSDS information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, **Custom Spray Service Inc** makes no warranty, either expressed or implied, with respect to completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Also, additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks prior to use, and then to exercise appropriate precautions of employee and others.