

## MATERIAL SAFETY DATA SHEET

---

### SECTION I

### MATERIAL IDENTIFICATION

---

MANUFACTURING FACILITY:	Da-Lee Dust Control 350 Jones Rd. Stoney Creek, ON L8E 5N2
EMERGENCY PHONE NUMBER:	905-643-1135
FAX:	905-643-2299
DATE OF PREPARATION:	October, 2012
PRODUCT NAME OR NUMBER:	Liquid Sodium Chloride Brine
FORMULA:	NaCl - 23.3% +/- 0.3%
WHMIS	Not Controlled Product

---

### SECTION II

### HAZARDOUS INGREDIENTS

---

Sodium Chloride	CAS NUMBER: 7647-14-5
-----------------	-----------------------

---

### SECTION III

### PHYSICAL DATA

---

PHYSICAL STATE:	Liquid
APPEARANCE & COLOUR:	Clear to hazy
ODOUR THRESHOLD:	Odourless to Mild Odour
BOILING POINT:	218° F - 103.3° C
FREEZING POINT:	Not Determined
SPECIFIC GRAVITY:	1.175 - 1.184 -> 22.8 - 24% NaCl
SOLUBILITY IN WATER:	Complete
PH:	6.5-7.5
VAPOUR PRESSURE:	Not Determined

---

**SECTION IV****FIRE & EXPLOSION HAZARD DATA**

---

FLASHPOINT:	Not Applicable
AUTOIGNITION TEMPERATURE:	Not Applicable
UPPER FLAMMABLE LIMIT:	Not Applicable
LOWER FLAMMABLE LIMIT:	Not Applicable
FIRE AND EXPLOSION HAZARDS:	Not Combustible. No unusual Hazard
EXTINGUISHING MEDIA:	Use agent suitable for surrounding fire. Water, water fog, dry chemical, CO <sub>2</sub> , sand or dirt may be used where this product is stored.
SPECIAL FIRE FIGHTING PROCEDURES:	Non-flammable

---

**SECTION V****REACTIVITY DATA**

---

STABILITY:	Stable
INCOMPATIBILITY:	Avoid contact with strong concentrations of mineral acids; sulfuric acid, nitric acid.
HAZARDOUS DECOMPOSITION PRODUCTS:	Hydrogen chloride gas is released on contact with strong mineral acids
HAZARDOUS POLYMERIZATION:	Will not occur

---

**SECTION VI****TOXICOLOGY PROPERTIES**

---

PRIMARY ROUTE OF ENTRY:	skin contact, inhalation, ingestion, eyes
EFFECTS OF EXPOSURE:	Skin - exposure to spray or liquid may cause irritation of skin. Inhalation - None expected Eye Contact - Exposure to spray or liquid may cause irritation of eyes. Ingestion - Ingestion of large amounts may cause irritation of the stomach, vomiting and diarrhea. Serious salt poisoning in humans has occurred from both accidental and deliberate.
EFFECTS OF OVEREXPOSURE:	Acute - May cause irritation to skin, eyes and digestive tract Chronic - Not determined

---

**SECTION VII**

---

**FIRST AID MEASURES**

---

INHALATION:	If symptoms develop, remove person to fresh air.
INGESTION:	Never give anything by mouth to an unconscious person. Have person drink several glasses of water then induce vomiting. Seek medical attention immediately.
SKIN:	Wash with soap and water.
EYES:	Immediately flush eyes with direct stream of water for at least 20 minutes holding the eyelids open. If irritation occurs, seek medical attention.

---

**SECTION VIII**

---

**PREVENTATIVE MEASURES**

---

ENGINEERED CONTROLS: (ventilation, enclosed process)	Ventilation is not normally required for salt solutions. Avoid creation of mist or spray. If present, wear appropriate safety clothing and provide local exhaust systems.
PERSONAL PROTECTIVE EQUIPMENT:	Respiratory Protection - Provide mist protection where applicable. Use NIOSH/MSHA approved respirators. Follow requirements of 29 CFR 1910.134.
EYES:	Wear safety glasses with side shields or chemical goggles where splash hazard exists.
SKIN:	Use rubber, vinyl or neoprene gloves.
OTHER EQUIPMENT:	Eyewash facility and emergency shower should be in close proximity.

---

**SECTION IX**

---

**STORAGE AND HANDLING**

---

STORAGE REQUIREMENTS:	Store in an area separate from strong mineral acids. Brine Solution causes corrosion of metal components. Dike and vent storage tank. Use protective safety equipment as appropriate.
-----------------------	---

---

**SECTION X**

---

**SPILL & LEAK PROCEDURES**

---

CLEAN UP:	Contain spill to prevent flow to sewers and streams. Pump into marked container for disposal or reclamation. Brine Solution (salt water) may be fatal to fresh water species.
WASTE DISPOSAL:	Dispose of spilled material in licensed landfill or as appropriate in accordance with federal, state and local regulations.
TRANSPORTATION:	Not regulated by TDG All components are listed on TSCA UN Number - not regulated CANUTEC Transport Emergency Number (613) 996-6666

While the information and recommendations set forth on this data sheet are believed to be accurate as of the present date, DA-LEE DUST CONTROL 513125 ONTARIO LIMITED makes no warranty with respect thereto and disclaims all liability from reliance thereon.

PREPARED BY:	513125 ONTARIO LIMITED DA-LEE DUST CONTROL 350 Jones Road Stoney Creek, Ontario, Canada L8E 5N2 (905) 643-1135 <a href="http://www.daleedustcontrol.com">www.daleedustcontrol.com</a>
--------------	--