

MATERIAL SAFETY DATA SHEET
Part# ISE-8770-S3

SECTION I: GENERAL INFORMATION

PRODUCT NAME: 100 ppm Chloride Standard

CHEMICAL NAME: Sodium Chloride in Water

CHEMICAL FAMILY: salt solution

DOT SHIPPING INFO: N/A

IATA SHIPPING INFO: N/A

SECTION II: INGREDIENTS

CAS NO.	%	CHEMICAL NAME(S)	LD50 (mg/kg) oral-rat	OSHA/PEL ACGIH TLV
7647-14-5	0.02%	Sodium Chloride	8,000	none
7732-18-5	99.98%	Water	-	none

SECTION III: PHYSICAL DATA

BOILING POINT: 100°C

SPECIFIC GRAVITY: 1

VAPOR PRESSURE: N/A

FREEZING POINT: 0°C

VAPOR DENSITY: N/A

pH: 5.5-7.5

WATER SOLUBILITY: Soluble

APPEARANCE & ODOR: Clear, colorless, odorless solution

SECTION IV: FIRE & EXPLOSION HAZARD DATA

FLASHPOINT: Not flammable

AUTOIGNITION TEMPERATURE: N/A

EXTINGUISHING MEDIA: Any

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE & EXPLOSION HAZARDS: N/A

SECTION V: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Because of this low concentration of salt (less than 1%), this product is not considered to be hazardous.

EMERGENCY & FIRST AID: Wash off skin or eyes with water.

EYES & SKIN: May cause stinging or irritation in an open cut. Flush with water.

INGESTION/INHALATION: None reported.

SECTION VI: REACTIVITY DATA

STABLE: yes

CONDITIONS TO AVOID: none

INCOMPATIBILITY: none

HAZARDOUS DECOMPOSITION PRODUCTS: none

HAZARDOUS POLYMERIZATION: will not occur

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN: Clean up and wash down drain.

WASTE DISPOSAL METHOD: Wash down drain. Observe all state, federal, and local laws.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: N/A

VENTILATION: N/A

PROTECTIVE GLOVES: N/A

EYE PROTECTION: N/A

OTHER PROTECTIVE EQUIPMENT: N/A

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: N/A

OTHER PRECAUTIONS: Keep solution sealed and at room temperature to insure product quality.

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