

SECTION 1—PRODUCT IDENTIFICATION

PRODUCT NAME(S)	CATALOG NUMBER(S)
Water Potential Standards: -250 kPa (-2.50 bars) @ 25 °C, 100 mmol/kg NaCl, 0.053 molality; -725 kPa (-7.25 bars) @ 25 °C, 290 mmol/kg NaCl, 0.157 molality; -2500 kPa (-25.0 bars) @ 25 °C, 1000 mmol/kg NaCl, 0.550 molality	SS-120 SS-121 SS-122
CHEMICAL NAME & SYNONYMS	CHEMICAL FAMILY
Sodium Chloride Solution, Saline	Salt Water
TRADE NAME & SYNONYMS	CHEMICAL FORMULA
Wescor SS-120, SS-121, SS-122	N/E

SECTION 2—COMPOSITION OF HAZARDOUS INGREDIENTS

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	CAS #	%	TLV—TWA
Sodium Chloride	7647-14-5	~ 1 (SS-120), or ~ 5 (SS-121), or ~ 10 (SS-122)	N/E
Benzethonium Chloride	121-54-0	< 1	N/E
2-Phenoxyethanol	122-99-6	< 1	N/E

SECTION 3—HAZARDOUS IDENTIFICATION

APPEARANCE	
Clear liquid	
LABEL PRECAUTIONS	
CAUTION: Keep flask tightly closed (except when sampling) to minimize solution concentration. If in doubt, use known fresh osmolality standards to verify.	
EFFECTS OF OVEREXPOSURE	
Eye Contact	May cause mild irritation
Skin Contact	May cause mild irritation
Ingestion	N/E—Do not ingest
Inhalation	N/E
Chronic Exposure	N/E

SECTION 4—EMERGENCY AND FIRST AID PROCEDURES

IN CASE OF	
Eye Contact	Flush eyes with plenty of water for at least 15 minutes, separating eyelids with fingers to ensure adequate flushing. If irritation persists contact a physician.
Skin Contact	Wash skin thoroughly with soap and water. If irritation persists contact a physician.
Ingestion	N/E
Inhalation	N/E

SECTION 5—FIRE AND EXPLOSION INFORMATION

FLASH POINT (METHOD)	FLAMMABLE LIMIT—LEL %	FLAMMABLE LIMIT—UEL %
Non flammable	N/A	N/A
EXTINGUISHING MEDIA		
Any appropriate for surrounding conditions		
SPECIAL FIRE FIGHTING PROCEDURES, UNUSUAL FIRE AND EXPLOSION HAZARDS		NFPA HAZARD RATINGS
None known		

SECTION 6—ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS LEAKED OR SPILLED

Collect with absorbent material for disposal. Wash spill area with soap and water.

SECTION 7—STORAGE AND HANDLING

STORAGE ENVIRONMENT	AVERAGE SHELF LIFE
Store at room temperature away from direct sunlight.	3 years (unopened)
SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE)	
Avoid direct sunlight, extreme heat, and freezing.	
PRECAUTIONS TO BE TAKEN	
Store at room temperature. Keep tightly capped when not in use.	

SECTION 8—SPECIAL PROTECTION

RESPIRATOR TYPE	EYE PROTECTION	GLOVES
None required	Goggles	Plastic
VENTILATION		
MECHANICAL (GENERAL ROOM VENT)	X	LOCAL EXHAUST
		SPECIAL
OTHER PROTECTIVE EQUIPMENT		
Eye wash facility		

SECTION 9—PHYSICAL PROPERTIES

FORM (SOLID, LIQUID, GAS)	ODOR	COLOR
Liquid	Odorless	Clear
BOILING POINT	FREEZING POINT	SOLUBILITY (IN WATER)
100 °C	0 °C	Complete
VAPOR PRESSURE (mmHg)	VAPOR DENSITY (AIR = 1)	% VOLATILE BY VOLUME
N/E	N/E	N/E
pH	SPECIFIC GRAVITY	SOLUBILITY
N/E	N/E	Water

SECTION 10—REACTIVITY DATA

STABILITY	CONDITIONS TO AVOID
Stable	None known
HAZARDOUS POLYMERIZATION	CONDITIONS TO AVOID
Will not occur	None known
INCOMPATIBILITY (MATERIALS TO AVOID)	
None known	
HAZARDOUS DECOMPOSITION PRODUCTS	
None known	

SECTION 11—TOXICOLOGICAL INFORMATION

ACUTE, SUBCHRONIC, OR SPECIAL STUDIES
N/E

SECTION 12—ECOLOGICAL INFORMATION

ECOTOXICITY, ENVIRONMENTAL FATE
N/E

SECTION 13—DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS
Dispose of in accordance with federal, state, and local regulations

SECTION 14—TRANSPORT INFORMATION

DOT DESCRIPTION, HAZARD CLASS
This substance is not considered a shipping hazard under DOT or IATA regulations. Proper shipping name: None Hazard class: None Packing Group: None UN#: None Exceptions and other: None

SECTION 15—REGULATORY INFORMATION

REVIEWS, STANDARDS, AND REGULATIONS
OSHA (US) Signal word: None Hazard classification: None OSHA Specific Standard: None Target Organs: None
US(other) NFPA health 0 flammability 0 reactivity 0 oxidizer -
EU Symbol of danger: None R phrases: None S phrases: None
Canada Whims Classification This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR. DSL: No, soduim chloride is listed NDSL: no
GHS N/A

SECTION 16—OTHER INFORMATION**N/E = NOT ESTABLISHED N/A = NOT APPLICABLE**

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