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; | SS-120
- 725 kPa (-7.25 bars) @ 25 °C, 290 mmol/kg NaCl, 0.157 molality; | SS-121
- 2500 kPa (-25.0 bars) @ 25 °C, 1000 mmol/kg NaCl, 0.550 molality | SS-122

CHEMICAL NAME & SYNONYMS
Sodium Chloride Solution, Saline

TRADE NAME & SYNONYMS
Wescor SS-120, SS-121, SS-122

CHEMICAL FAMILY
Salt Water

CHEMICAL FORMULA
N/E

SECTION 2—COMPOSITION OF HAZARDOUS INGREDIENTS

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

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

<table>
<thead>
<tr>
<th>Flash Point (Method)</th>
<th>Flammable Limit—LEL %</th>
<th>Flammable Limit—UEL %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non flammable</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Extinguishing Media**

Any appropriate for surrounding conditions

**Special Fire Fighting Procedures, Unusual Fire and Explosion Hazards**

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**

Store at room temperature away from direct sunlight.

**Average Shelf Life**

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**

None required

**Eye Protection**

Goggles

**Gloves**

Plastic

**Ventilation**

Mechanical (General Room Vent) X Local Exhaust Special

**Other Protective Equipment**

Eye wash facility

### SECTION 9—PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Form (Solid, Liquid, Gas)</th>
<th>Odor</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Odorless</td>
<td>Clear</td>
</tr>
</tbody>
</table>

**Boiling Point**

100 °C

**Freezing Point**

0 °C

**Vapor Pressure (mmHg)**

N/E

**Vapor Density (Air = 1)**

N/E

**% Volatile by Volume**

N/E

**pH**

N/E

**Specific Gravity**

N/E

**Solubility**

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, sodium chloride is listed
  NDSL: no

GHS N/A
## SECTION 16—OTHER INFORMATION

<table>
<thead>
<tr>
<th>N/E = NOT ESTABLISHED</th>
<th>N/A = NOT APPLICABLE</th>
</tr>
</thead>
</table>

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