

# Vernier Software & Technology Material Safety Data Sheet (MSDS)

## Section 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

~~Sodium Chloride solution (NaCl)~~  
Standard Solution (1000 mg/L as Cl-) for Vernier Chloride Ion-Selective Electrodes

Vernier Software & Technology  
13979 S.W. Millikan Way  
Beaverton, OR 97005-2886  
(503) 277-2299 • FAX (503) 277-2440  
dholmquist@vernier.com  
www.vernier.com

## Section 2 — COMPOSITION, INFORMATION ON INGREDIENTS

Sodium Chloride (7647-14-5) ~0.1% (1000 mg/L as Cl-) Water (7732-18-5) ~99.9%

CAS#: None established

## Section 3 — HAZARDS IDENTIFICATION

Colorless, odorless solution.

Substance not considered hazardous. However, not all health aspects of this substance have been thoroughly

## Section 4 — FIRST AID MEASURES

Call a physician, seek medical attention for further treatment, observation and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.

Eye: Immediately flush with fresh water for 15 minutes.

External: Wash with soap and water.

Internal: Give large quantities of water. Call a physician or poison control at once.

## Section 5 — FIRE FIGHTING MEASURES

Non-combustible liquid

NFPA Code: None established

## Section 6 — ACCIDENTAL RELEASE MEASURES

Protect unprotected personnel from area and ventilate area. Contain spill with sand or absorbent material.

## Section 7 — HANDLING AND STORAGE

Store with acetates, halides, sulfates, sulfites, thiosulfates and phosphates.

## Section 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron.

## Section 9 — PHYSICAL AND CHEMICAL PROPERTIES

Colorless liquid. Odorless.

Concentration: 1000 mg/L as Cl-

**Section 10 — STABILITY AND REACTIVITY**

**Section 11 — TOXICOLOGICAL INFORMATION**

Acute effects: N.A.  
Chronic effects: N.A.  
Target organs: N.A.

ORL-RAT LD50: N.A.  
IHL-RAT LC50: N.A.  
SKN-RBT LD50: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

**Section 12 — ECOLOGICAL INFORMATION**

Data not yet available

Please consult with state and local regulations.

**Section 14 — TRANSPORT INFORMATION**

Shipping Name: Not regulated  
Hazard Class: N/A  
UN Number: N/A  
N/A = Not applicable

**Section 15 — REGULATORY INFORMATION**

Not listed

**Section 16 — OTHER INFORMATION**

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