

MATERIAL SAFETY DATA SHEET

Conforms to ANSI Z400.1 and is in compliance with 29 CFR 1910

STRECK
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Section 1: Product Identification

Product Name: VC-100[®] Titration Cartridges
Synonyms: Sodium hydroxide, 0.1612N

Section 2: Composition

Components: A standardized aqueous solution of sodium hydroxide (0.1612N)

<u>CAS #</u>	<u>Chemical Name</u>	<u>%</u>
[1310-73-2]	Sodium Hydroxide	0.1-1.0

Section 3: Hazards Identification

DANGER!

Emergency Overview: Substance may be harmful if swallowed. Contact with eyes will cause burns. Contact with skin may cause burns. May aggravate pre-existing eye or skin conditions.

Section 4: First Aid Measures

Skin Contact: Remove any contaminated clothing. Rinse the contacted area with water, then wash with soap and water. Wash clothing before reuse. Seek medical advice if irritation develops.

Eye contact: In case of contact, flush eyes with copious amounts of water for at least 15-20 minutes. Raise eyelids to be sure material is rinsed out. Obtain professional medical treatment immediately.

Ingestion: If ingested, do not induce vomiting. Obtain professional medical treatment immediately. Give 1-2 glasses of water; however, never give anything by mouth to an unconscious person.

Inhalation: None Required

Section 5: Fire Fighting Measures

Flash point Not available
Extinguishing Media: Use whatever is required for the surrounding area

Section 6: Accidental Release Measures

Spill Procedure: Personnel should wear chemical resistant gloves and laboratory coat or apron. Take up spill or leak with absorbent material and place in a suitable chemical waste container. Flush area with water.

Section 7: Handling and Storage

Storage: Store at temperature and conditions as indicated on the product label.
Handling: Avoid contact with the eyes, skin, and clothing. Wash thoroughly after handling.

Section 8: Exposure Control and Personal Protection Equipment (PPE)

Ventilation: Use general room ventilation
Respiratory Protection: None required
Eye Protection: Standard laboratory safety glasses recommended
Gloves: Standard laboratory latex or rubber gloves recommended
Other: A laboratory coat or apron is recommended. Have an eyewash station nearby.

Section 9: Physical and Chemical Properties

Appearance:	Clear, colorless liquid	Odor:	None
Specific Gravity:	~ 0.988	pH:	>13
Metal Corrosivity:	Steel: 0.00 in/yr Aluminum: 0.18 in/yr	Evaporation Rate:	0.72

Section 10: Stability and Reactivity

Hazardous Polymerization: Will not occur
Materials to Avoid: May react violently in contact with strong acids
Conditions to Avoid: Heat and evaporation
Hazardous Decomposition Products: None identified
Stability: Stable when stored under proper conditions

Section 11: Toxicological Properties

Carcinogenicity: None of the components are listed as carcinogens or as suspect carcinogens.
Toxicity: Under normal use this product poses a negligible hazard. However, in keeping with standard laboratory safety practices, precautions should be taken to avoid exposure.

Section 12: Ecological Information

Ecological effects of this mixture have not been determined.

Section 13: Disposal Considerations

EPA Waste ID Number: D002. Each facility must determine proper disposal methods to comply with local, state, and federal regulations.

Section 14: Transport Information

Not currently regulated.

Section 15: Regulatory Information

U.S. Federal Regulations:**O.S.H.A.:**

This product meets the criteria for a hazardous substance defined in the Hazard Communication Standard. (29 CFR 1910.1200)
Immediate (Acute) Health Hazard

**E.P.A.: S.A.R.A Title III Section 311/312
Categorization (40 CFR 370):****E.P.A.: S.A.R.A. Title III Section (40 CFR
372)**

This product does NOT contain any chemical subject to the reporting requirements of Section 313 of Title III of S.A.R.A.

302 (EHS) TPQ (40 CFR 355):

Not applicable

304 CERCLA RQ (40 CFR 302.4):

Sodium Hydroxide 1000 lbs.

304 EHS RQ (40 CFR 355):

Not applicable

Clean Water Act (40 CFR 116.4):

Sodium Hydroxide - RQ = 1000 lbs. (454 kgs)

RCRA:

Contains RCRA regulated substances. See Section 13, EPA Waste ID Number

C.P.S.C.:

Not applicable

State Regulations:**California Prop. 65:**

No Prop. 65 listed chemicals are present in this product

Identification of Prop. 65 Ingredient(s):

Not applicable

National Inventories:**U.S. Inventory Status:**

All ingredient in this product are listed on the TSCA 8(b) Inventory (40 CFR 710)

TSCA CAS Number:

Not applicable

Section 16: Other

This product is intended for use as supplied. Adulteration by dilution or addition of any materials to the product as supplied invalidates any diagnostic use of the product.

Streck provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of this material safety data sheet.