

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Alcian Blue pH 1.0

**SYNONYMS:** Alcian Blue pH 1.0 solution

**CATALOG CODES:** VAO

**MANUFACTURER:** Volu-Sol

**ADDRESS:** 5095 West 2100 South  
Salt Lake City, UT 84120

**EMERGENCY PHONE:** (800) 535-5053

**OTHER CALLS:** (801) 974-9474

**FAX:** (801) 974-9553

**CHEMICAL FAMILY:** -

**CHEMICAL FORMULA:** -

**PREPARED BY:** Volu-Sol

**RECOMMENDED USE:** Laboratory chemical

**RESTRICTIONS ON USE:** Use as recommended

## SECTION 2: HAZARD(S) IDENTIFICATION

**EMERGENCY OVERVIEW:**

**GHS Classification:** Not a hazardous substance or mixture

**GHS LABEL ELEMENTS:** Not a hazardous substance or mixture

**Pictogram:**

**Signal Word:**

**Hazard Statement(s):**

**Precautionary Statement(s):**

**OTHER HAZARDS:** -

**HMIS Classification:**

**Health hazard:** 0

**Chronic health hazard:** -

**Flammability:** 0

**Physical hazards:** 0

**NFPA Rating:**

**Health hazard:** 0

**Fire:** 0

**Reactivity Hazard:** 0

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO. EC-NO. Index-NO.
No components need to be disclosed according to the applicable regulations	

## SECTION 4: FIRST AID MEASURES

**INHALATION:** If not breathing give artificial respiration

**INGESTION:** Rinse mouth with water as a precaution

**SKIN:** Wash skin with soap and water

**EYE:** Flush eyes with water as a precaution

## SECTION 5: FIRE-FIGHTING MEASURES

**FLAMMABLE LIMITS IN AIR:** Percentage by Volume  
Upper: -%  
Lower: -%

**FLASH POINT:** -

**AUTOIGNITION TEMPERATURE:** -

**EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**FIRE FIGHTING PROCEDURES:** The product itself does not burn

**FIRE AND EXPLOSION HAZARDS:** None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE MEASURES:** Wipe up with absorbent material (e.g. cloth, fleece)

## SECTION 7: HANDLING AND STORAGE

**HANDLING AND STORAGE:** No special storage conditions required

**INCOMPATIBILITIES:** -

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**EXPOSURE LIMITS:** Reported in a time-weighted average (TWA)

Component	CAS-No.	Reference	OSHA		ACGIH	
			ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Contains no substances with occupational exposure limit values						

**VENTILATION SYSTEM:** Local and/or general exhaust is recommended to keep exposure below limits. Local exhaust ventilation is preferred for control of the emissions at its source, preventing dispersion into the general work area. Please refer to the ACGIH document, *Industrial Ventilation: A Manual of Recommended Practices*, for details

**PERSONAL RESPIRATORS:** If exposure limit is exceeded and engineering controls are not feasible, a half-face organic vapour respirator may be worn for up to ten times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier; whichever is lowest. A full-face piece organic vapour respirator may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-face, positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres

**SKIN PROTECTION:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands

**EYE PROTECTION:** Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** liquid

**ODOR:** -

**SOLUBILITY:** -

**pH:** -

**BOILING POINT:** -

**MELTING POINT:** -

**VAPOR PRESSURE:** -

**SPECIFIC GRAVITY:** -

**MOLECULAR WEIGHT:** -

**DENSITY:** -

**VISCOSITY:** -

**REFRACTIVE INDEX:** -

## SECTION 10: STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable under recommended conditions of use and storage

**CONDITIONS TO AVOID:** No data available

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** No data available

## SECTION 11: TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:**

**Acute Toxicity:** No data available

**Skin/Eye Irritation:** No data available

**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen

**ROUTES OF ENTRY:** -

## SECTION 12: ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:**

**Toxicity:** No data available

**Persistence and degradability:** No data available

**Mobility in soil:** No data available

**PBT/vPvB Results:** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHOD:** Taking into account local regulations, the product may be disposed of as waste water after neutralization. Processing, use, or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements

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**SECTION 14: TRANSPORT INFORMATION**

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US DOT	IATA	TDG	IMDG/IMO
Not dangerous goods			

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**SECTION 15: REGULATORY INFORMATION**

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<b>SARA 302</b>	-
<b>SARA 313</b>	-
<b>SARA 311/312 Hazards</b>	-
<b>State</b>	Right to know lists: MA: PA: 7732-18-5 NJ: 7732-18-5 California Prop. 65 Components:

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**SECTION 16: OTHER INFORMATION**

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