SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Hematology Buffer (pH 6.8)**

SYNONYMS: Phosphate buffer solution pH 6.8

CATALOG CODES: VWB
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, manufacture of substances

RESTRICTIONS ON USE: Use as recommended

SECTION 2: HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW:
GHS Classification: Not a hazardous substance or mixture
GHS LABEL ELEMENTS:
Pictogram: Not a hazardous substance or mixture
Signal Word: Not a hazardous substance or mixture
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 applicable regulations	

SECTION 4: FIRST AID MEASURES

INHALATION: If breathed in, move person into fresh air. If not breathing, give artificial respiration

INGESTION: Never give anything by mouth to an unconscious person. Rinse mouth with water

SKIN: Wash off with soap and plenty of 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 water spray, alcohol-resistant foam, dry chemical or carbon dioxide

FIRE FIGHTING PROCEDURES: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode

FIRE AND EXPLOSION HAZARDS: -

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Avoid breathing vapours, mist, or gas. No special environmental precautions required. Keep in suitable, closed containers for disposal

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Keep container tightly closed in a dry and well-ventilated place. Storage class (TRGS 510): Non Combustible liquids

INCOMPATIBILITES: Strong oxidizing agents

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Component	CAS-No.	Reference	OSHA		ACGIH	
			ppm	mg/m³	ppm	mg/m³
Contains no substances with occupational exposure limit values						

PERSONAL RESPIRATORS: Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

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 equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: liquid
ODOR: -
SOLUBILITY: -
pH: 6.8
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: -

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: Inhalation/Ingestion/Skin

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

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Offer surplus and non-recyclable solutions to a licenses disposal company. Dispose of as unused product

SECTION 14: TRANSPORT INFORMATION

US DOT	IATA	TDG	IMDG/IMO
Not dangerous goods			

SECTION 15: REGULATORY INFORMATION

SARA 302	-
SARA 313	-
SARA 311/312 Hazards	-
State	Right to know lists: MA: - PA: 7732-18-5, 7558-79-4 NJ: 7732-18-5 California Prop. 65 Components: -

SECTION 16: OTHER INFORMATION

Disclaimer: The information is provided without any representation or warranty, express or implied, regarding the accuracy or correctness. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product.