

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Hyaluronidase Pretreatment Solution

**SYNONYMS:** Synovial fluid pretreatment solution

**CATALOG CODES:** VHT

**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:** Store away from heat. Keep container in a dry and well-ventilated place. Recommended storage temperature 2-8°C

**INCOMPATIBILITIES:** 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/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
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:** -

**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

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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

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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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