

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Sheather's Solution

SYNONYMS: Sheather's Sugar Flotation Solution, Sheather's sucrose solution

CATALOG CODES: VSP

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:

Acute Toxicity, Oral	(Category 4)
Acute Toxicity, Inhalation	(Category 4)
Acute Toxicity, Dermal	(Category 4)
Skin corrosion	(Category 1C)
Serious eye irritation	(Category 2A)
Chronic aquatic toxicity	(Category 3)

GHS LABEL ELEMENTS:

Pictogram:



Signal Word:

Danger

Hazard Statement(s):

H302+H312+H332

Harmful if swallowed, in contact with skin or if inhaled

H314

Causes severe skin burns and eye damage

H319

Causes serious eye irritation

H412

Harmful to aquatic life with long lasting effects

Precautionary Statement(s):

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray

P264

Wash skin thoroughly after handling

P270

Do not eat, drink or smoke when using this product

P271

Use only outdoors or in a well-ventilated area

P273

Avoid release to the environment

P280

Wear protective gloves/ eye protection/ face protection

P301+P312

IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell

P301+P330+P331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P302+P352

IF ON SKIN: Wash with plenty of soap and water

P303+P361+P353

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310

Immediately call a POISON CENTER or doctor/ physician

P312

Call a POISON CENTER or doctor/physician if you feel unwell

P321

Specific treatment (see supplemental first aid instruction on this label)

P322

Specific measures (see supplemental first aid instruction on this label)

P337+P313

If eye irritation persists: Get medical advice/ attention

P363

Wash contaminated clothing before reuse

P405

Store locked up

P501

Dispose of contents/container to an approved waste disposal plant.

OTHER HAZARDS: -

HMIS Classification:

Health hazard: 3

Chronic health hazard: -

Flammability: 0

Physical hazards: 0

NFPA Rating:

Health hazard: 3

Fire: 0

Reactivity Hazard: 0

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NO. EC-NO. Index-NO.
Sucrose (<75%)	57-50-1 200-334-9
Phenol (5-10%)	108-95-2 203-632-7 604-001-00-2

SECTION 4: FIRST AID MEASURES

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

INGESTION: If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Take victim immediately to hospital. Rinse mouth with water. Consult a physician.

SKIN: Immediately flush skin with plenty of soap and water. Remove contaminated clothing and shoes, wash before reuse. Consult a physician.

EYE: Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.

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: Use water spray to cool unopened containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Keep in suitable, closed containers for disposal. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The number to contact the US Coast Guard National Response Center is (800) 424-8802.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry, cool, and well-ventilated place.

INCOMPATIBILITIES:

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**EXPOSURE LIMITS:** Reported in a time-weighted average (TWA)

Component	CAS-No.	Reference	OSHA		ACGIH	
			ppm	mg/m ³	ppm	mg/m ³
Sucrose	57-50-1			15 PEL		10 TLV
Phenol	108-95-2		5 PEL	19 PEL	5 TLV	19 TLV

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. For details please refer to the ACGIH document, *Industrial Ventilation: A Manual of Recommended Practices*.

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: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Use proper glove removal technique to avoid skin contact with this product. 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 by NTP or OSHA.

IARC: 3 – Group 3: Not classifiable as to its carcinogenicity to humans (Phenol).

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: Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in an RCRA approved waste facility. 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. Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

US DOT
Shipping Name: Phenol Solutions
Hazard Class: 6.1
UN Number: 2821
Packing Group: III

SECTION 15: REGULATORY INFORMATION

SARA 302	108-95-2
SARA 313	108-95-2
SARA 311/312 Hazards	Acute Health Hazard, Chronic Health Hazard
State	Right to know lists: MA: 57-50-1, 108-95-2 PA: 57-50-1, 108-95-2, 7732-18-5 NJ: 57-50-1, 108-95-2, 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.