

1. Identification of the substance/mixture and of the company/undertaking**Product name: Cheap Sheath (CS001)****Manufacturer/Supplier:**

Phoenix Flow Systems, Inc.

6790 Top Gun Street, STE #1

San Diego, CA 92121

Phone: (800) 886-FLOW

Information department: Technical Support**Emergency telephone number:** (800) 424-9300 or 911**2. Composition/information on ingredients****Chemical characterization: Mixtures****Description:** Mixture of the substances listed below with nonhazardous additions

CAS No.	Description	% Void
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3. Hazards identification**Classification of the substance or mixture:***This product is not classified according to the Globally Harmonized System (GHS)***Classification according to Directive 67/548/EEC or Directive 1999/45/EC***This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication standard 29 CFR 1910.1200 and the European Directive 91/155/EEC, and 93/112/EC.*

void

Classification system:*The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.***Label elements****Labeling according to EU guidelines:***Observe the general safety regulations when handling chemicals**The product is not subject to identification regulations pertaining to regulations on hazardous materials.***Classification system****NFPA ratings (scale 0-4)**

Health = 0

Flammability = 0

Reactivity = 0

4. First aid measures**General information:** No special measures required**After skin contact:** Immediately wash with water and soap and rinse thoroughly.**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.**After swallowing:** If symptoms persist consult doctor.**After inhalation:** Seek medical treatment in case of complaints.**5. Firefighting measures**

Suitable extinguishing agents

CO₂, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture: Nitrogen oxides (NO_x)

Protective equipment: No special measures required.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Not required.

Environmental precautions: Wipe up with damp sponge or mop.

Methods and materials for containment or cleaning up: No special measures required.

Reference to other sections:

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protective equipment.

See Section 13 for disposal information.

7. Handling and storage**Handling**

Precautions for safe handling: No special measures require.

Information about protection against explosions and fires : No special measures required

Storage

Requirements to be met by storerooms and receptacles: Store at 22-25C (room temperature)..

Information about storage in one common storage facility: Store away from oxidizing and acidic agents as well as heavy-metal compounds.

Further information about storage conditions: Store in cool, dry conditions in well sealed containers.

Specific end use (s): No further relevant information available.

8. Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the creation were used as basis.

Personal Protective Equipment**General protective and hygienic measures**

The usual precautionary measures for handling chemicals should be followed.

Breathing equipment: Not required.

Protection of hands:



Chemical resistant gloves (i.e. nitrile, or equivalent).

Eye protection: Safety glasses.

Body protection: Protective work clothes (lab coat).

9. Physical and chemical properties**General Information****Appearance:**

Form	<i>Liquid</i>
Color	<i>Clear</i>
Odor	<i>Odorless</i>
pH-value	<i>6.05-6.15</i>
Flash point	<i>Not applicable</i>
Flammability (solid, gaseous)	<i>Not applicable</i>
Ignition temperature	
Decomposition temperature	<i>Not determined</i>
Auto ignition	<i>Product is not self igniting</i>
Danger of explosion	<i>Product is not explosive.</i>
Vapor pressure at 20C (68F)	<i>23 nPa (17 mm Hg)</i>
Density	<i>1.199g/L</i>
Vapor Density	<i>Not determined</i>
Evaporation rate	<i>Not determined</i>
Solubility in / Miscibility with water	<i>Soluble</i>
Solvent contents:	
Organic solvents	<i>0.0%</i>
Other information	<i>No further relevant information available</i>

10 Stability and reactivity

Thermal decomposition/conditions to be avoided: *No decomposition if used according to specifications.*

Incompatible materials:

Incompatible material: strong oxidizers.

Incompatible material: acidic materials and metals

No further relevant information available

Hazardous decomposition products: *Nitrogen oxides (NO_x).*

Additional information:*Mildly corrosive to steel and aluminum*

11 Toxicological information**Acute toxicity****Primary irritant effect:**

Skin: May have an irritating effect

Eye: May have an irritating effect

Sensitization: *No sensitization effects known.*

Additional toxicological information: *This product is not subject to OSHA classification according to internally approved calculation methods for preparations.*

When used and handled according to specifications, the product does not have any harmful effects according to our experience and information provided to us.

12 Ecological information

The ecological effects have not been thoroughly investigated, but currently none have been identified.

General notes: Generally not hazardous for water.

13 Disposal considerations**Waste treatment methods:**

Recommendation: Smaller quantities should be disposed of with solid waste. Disposal of material in accordance with federal (40 CFR 261), state and local requirements. This product is not considered a RCRA hazardous waste.

Uncleaned packages: Recommendation: Disposal must be made according to state and federal regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information**UN-Number**

DOT, ADR, ADN, IMDG, IATA

Void

UN proper shipping name

DOT, ADR, ADN, IMDG, IATA

Void

Transport hazard class (es)

DOT, IMDG, IATA, ADR, ADN

Class Void

Packing group

DOT, ADR, IMDG, IATA Void

Environmental hazards:**Marine pollutant:** No**Special precautions for user** Not applicable**Transport in bulk according to Annex II of****MARPOL73/78 and the IBC Code** Not applicable**15 Regulatory information****SARA Section 355 (extremely hazardous substances):** None of the ingredients listed.**SARA Section 313 (specific toxic chemical listings)** None of the ingredients listed

TCSA (Toxic Substance Control Act):

7647-14-5 Sodium Chloride
7558-80-7 Sodium Phosphate, monobasic
7732-18-5 water

California Proposition 65 – Chemicals known to cause cancer: None of the ingredients is listed.**Chemicals known to cause reproductive toxicity for females:** None of the ingredients listed.**Chemicals known to cause reproductive toxicity for males:** None of the ingredients listed.**Chemicals known to cause developmental toxicity:** None of the ingredients listed**Carcinogenic categories:****IARC (International Agency for Research on Cancer):** None of the ingredients listed**NTP (National Toxicology Program):** None of the ingredients listed**TLV (Threshold Limit Value established by ACGIH):** Not applicable**Product related hazard information:**

Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations pertaining to regulations on hazardous materials

National regulations**Water hazard class:** Generally not hazardous for water.

16 Other information

To the best of our knowledge, the information contained herein is accurate. However, Phoenix Flow Systems, Inc. does not assume any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par de fer (regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)