



Sylphium

molecular ecology

Material Safety Data Sheet

Precipitation buffer (S3)

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Version 1

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SECTION 1: Identification of the product and of the company

Product name: **Precipitation buffer (S3)**

Product number: SYL002-S3

Supplier: Sylphium Life Sciences
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SECTION 2: Composition and information on ingredients

Substance	Mixture
Chemical name:	Not applicable
CAS-No:	Not applicable
EC-No:	Not applicable
Proportion:	Not applicable
Ingredients:	<ul style="list-style-type: none"> • NaAc • Acetic acid glacial • Glycogen

SECTION 3: Hazards identification

Not classified as hazardous according to Regulation (EC) No. 1272/2008 [CLP] or Directive 67/548/EEC [DSD/DPD]

Hazards not otherwise classified (HNOC): none identified.

SECTION 4: First aid measures

First Aid instructions for exposure

Inhalation	Move to fresh air. If symptoms persist, call a physician.
Skin contact	Wash affected area thoroughly with soap and water. If irritation develops, seek medical attention.
Eye contact	Rinse thoroughly with water for at least 15 minutes. If irritation persists, seek medical attention.
Ingestion	Rinse mouth with water. Do not induce vomiting. Seek medical attention.

SECTION 5: Fire-fighting measures

Fire hazards and safety information

Suitable extinguishing media	Use dry chemical, foam, or carbon dioxide to extinguish fires.
Hazards during firefighting	None known.
Special protective equipment and precautions for firefighters	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental safety measures

Safety measures and precautions

Personal precautions	Wear appropriate protective clothing and equipment. Avoid inhalation and contact with skin and eyes.
Environmental precautions	Do not allow to enter sewers, waterways, or soil.
Cleanup procedures	Absorb spill with inert material and dispose of in accordance with local regulations.

SECTION 7: Handling and storage

Storage and handling precautions

Handling	Avoid inhalation and contact with skin and eyes.
Storage	Store in a cool, dry, well-ventilated area. Keep away from incompatible materials.

SECTION 8: Exposure controls and personal protection

Workplace safety and PPE guidelines

Control parameters	None established
Personal protective Equipment	<ul style="list-style-type: none"> • Eye/face protection: safety glasses or goggles. • Skin protection: gloves and protective clothing as necessary. • Respiratory protection: not normally required. If needed, use a NIOSH-approved respirator.

SECTION 9: Physical and chemical properties

Physical and chemical properties

Physical State	Liquid
Color	Clear
Odor	Odorless
pH	5.2
Solubility	Soluble in water
Boiling point	Not applicable
Melting/freezing point	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Evaporation rate	Not applicable
Flammability	Not applicable
Explosion limits	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Density	Not applicable
Solubility	Not applicable
Partition coefficient (n-octanol/water)	Not applicable
Decomposition temperature	Not applicable
Viscosity	Not applicable

SECTION 10: Stability and reactivity

Stability and reactivity	
Reactivity	Stable under normal conditions
Chemical stability	Stable under normal conditions
Incompatible materials	None known
Possibility of hazardous reactions	None known
Conditions to avoid	None known

SECTION 11: Toxicological information

Acute toxicity: not expected to be toxic via ingestions, inhalation, or skin contact.

SECTION 12: Ecological information

Ecotoxicity: not expected to be harmful to aquatic organisms.

SECTION 13: Disposal considerations

Dispose of waste in accordance with local regulations.

SECTION 14: Transport information

Not regulated.

SECTION 15: Regulatory information

Safety, health, and environmental regulations/legislation

Regulation (EC) No. 1907/2006 [REACH]	Not applicable
Regulation (EC) No. 1272/2008 [CLP]	Not applicable
Directive 67/548/EEC [DSD/DPD]	Not applicable

SECTION 16: Other information

This MSDS is provided as a courtesy to our customers and should be used as a guide in the safe handling, use, and disposal of the product. It is not a guarantee of the product's properties. The information provided is believed to be accurate and reliable, but we make no representation, warranty or guarantee of any kind, express or implied, regarding the information's accuracy, completeness, suitability, or fitness for any particular purpose or use. It is the user's responsibility to verify the suitability of the product for its intended use and to comply with all applicable laws and regulations.



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