



SECTION 1 – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Formal Name	VSPERMTAC
Product Form	Dried reagent
Product Use	For research purpose only
Manufacturer	VITROMED GmbH – Raiffeisenstr. 15a - 40764 Langenfeld-Germany
For Emergency Assistance	Phone +49-2173-2004130 Mail support@vitromed.com

SECTION 2 – HAZARDS IDENTIFICATION

Regulation (EC) No 1272/2008	Not a hazardous substance or mixture
Potential Acute Health Effects	Not available
Potential Chronic Health Effects	Not available

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

VSPERMTAC does not contain any raw materials with direct animal-origin or materials that have been produced using animal-origin components. Components have not been in contact with material with animal origin during processing and therefore pose no TSE risk. No components need to be disclosed according to the applicable regulations.

SECTION 4 – FIRST AID MEASURES

Inhalation	Move to environment with fresh air. When having difficulties in breathing, call a physician.
Eyes	Flush with plentiful amounts of water for at least 15 minutes. Ensure adequate flushing by separating the eyelids with fingers.
Skin	Wash after each contact. Remove contaminated clothing. Seek medical advice if irritation develops.
Ingestion	Wash mouth with water. Do not induce vomiting unless instructed by medical personnel. Call a physician, if any discomfort occurs.
Seek medical attention should any discomfort occur.	

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media	Water spray, carbon dioxide, dry chemical powder or appropriate foam. For this substance/mixture no limitations of extinguishing agents are given.
Special Firefighting Procedure	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual Fire and Explosion Hazards	Fire may cause evolution of: Hydrogen chloride gas, Oxides of phosphorus. Development of hazardous combustion gases or vapours possible in the event of fire.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear chemical safety goggles. Wear rubber gloves. Avoid contact with skin, eyes and clothing.
Environmental Precautions	Prevent entry to sewers and public waters.
Methods for Cleaning Up	Rinse spill area with water. Dispose with laboratory waste.

SECTION 7 – HANDLING AND STORAGE

Handling	Refer Section 8.
Storage	2-8°C. Do not freeze before use. Keep the product in the original packaging or shield from light while not in use. Do not use after expiry date. Keep away from direct sunlight. Use within 7 days after reconstitution.
Specific Use	See instructions for use delivered with the device. For professional use only.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

VSPERMTAC

Safety Data Sheet

Exposure Controls (Occupational)

Wear chemical safety goggles. Wear rubber gloves. Avoid contact with skin, eyes and clothing. Avoid inhalation. Avoid mouth pipetting.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor	VSPERMTAC– turquoise blue dried reagent, no odor
pH	Not applicable
Boiling Point	Not available
Flash Point	Not available
Flammability	Non-flammable
Explosive Properties	Not available
Oxidizing Properties	Not available
Vapor Pressure	Not available
Relative density	Not available
Solubility	Highly soluble in water or 0,9% NaCl solution
Solubility in Water	complete
Viscosity	Not available
Evaporation Rate	Not available

SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable.
Conditions to Avoid	Direct sunlight, extremely high or low temperatures.
Materials to Avoid	Strong acids and bases.
Hazardous Decomposition Products	Carbon monoxide and dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

May cause mild eye irritation. Prolonged skin contact may cause mild irritation. No significant acute toxicity expected at working concentrations.

SECTION 12 – ECOLOGICAL INFORMATION

No known Ecological Damage. This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose in a safe manner in accordance to with local and national regulations and avoid release to the environment.

SECTION 14 – TRANSPORT INFORMATION

Not classified as Hazardous for transport.

SECTION 15 – REGULATORY INFORMATION

This product does not contain any ingredients which have been determined to be health hazardous pursuant to U.S. OSHA regulations, and which comprise 1 % or more (0.1 % for carcinogens) of the mixture.

This product is for research purpose only.

SECTION 16 – OTHER INFORMATION

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must take independent determinations of the suitability and completeness of information from all other sources to assure proper use and disposal of these materials and the safety and health of employees and customers. VITROMED GmbH shall not be held liable for any damage resulting from handling or from contact with its products.