



Material Safety Data Sheet
Research Use Only Plasma Product
Last Revision On 07/2013

Product and Company Information

Supplier:

CoaChrom Diagnostica GmbH
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Product Name: Fibrinogen Deficient Plasma, Factor II Deficient Plasma, Factor V Deficient Plasma, Factor VII Deficient Plasma, Factor VIII Deficient Plasma, Factor IX Deficient Plasma, Factor X Deficient Plasma, Factor XI Deficient Plasma, Factor XII Deficient Plasma, Factor XIII Deficient Plasma, α_2 -Antiplasmin Deficient Plasma, Antithrombin & Heparin CoFactor II Deficient Plasma, Antithrombin Deficient Plasma, Apolipoprotein Deficient Plasma, Heparin CoFactor II Deficient Plasma, Protein C Deficient Plasma, Protein C Inhibitor Deficient Plasma, Protein S Deficient Plasma, TAFI Deficient Plasma, von Willebrand Factor Deficient Plasma, Plasminogen Deficient Plasma, Prekallikrein Deficient Plasma, Kininogen Deficient Plasma, Plasminogen Activator Inhibitor type I Deficient Plasma, Factor II Inhibitor Plasma, Factor V Inhibitor Plasma, Factor VII Inhibitor Plasma, Factor VIII Inhibitor Plasma, Factor IX Inhibitor Plasma, Factor X Inhibitor Plasma, Factor XI Inhibitor Plasma, Factor XII Inhibitor Plasma

Product Use: For research use only

Hazardous Ingredients

Chemical Name: Human Source Plasma

Hazards Identification: Products derived from human plasma are potentially biohazardous material. Handle with caution as if capable of transmitting infectious agents.

CAS Registry Number: Not applicable

LD₅₀ (species and route): Not applicable

LC₅₀ (species and route): Not applicable

Hazards Identification

POSSIBLE BIOHAZARD: Although this material was prepared with plasma collected from donors screened for CJD and which was tested at source and found negative for HBsAg, RPR (syphilis) and antibodies to HIV and HCV and non-reactive for HIV-1 rNA and HCV rNA by FDA approved tests, it should be handled by personnel trained in the proper procedures for handling potential viral contaminants. All wastes should be properly labeled and disposed of according to all international, national and local regulations.

First Aid Measures

Eye and Skin Contact: In case of contact, immediately wash with soap and copious amounts of water. Consult a physician.

Inhalation: Not available

Ingestion: Drink a moderate amount of water and immediately notify medical personnel.

Fire or Explosion Data

Conditions of flammability: Not combustible

Means of extinction – suitable: Use extinguishing media appropriate for surrounding fire conditions.

Means of extinction – not suitable: Not available

Protective equipment: When extinguishing fires use breathing apparatus with an independent source of air.

Upper flammable limit: Not available

Lower flammable limit: Not available

Auto-ignition temperature: Not available

Hazardous combustion products: Not available

Explosion data-sensitivity to mechanical impact: Not available

Explosion data-sensitivity to static charge: Not available

Accidental Release Measures

Personal Precautions: Wear protective equipment.

Procedure to be followed in case of leak or spill: Wear protective equipment. Collect or absorb onto an inert material. Place in suitable container for prompt disposal. Label the container as to the potential hazard (viral). Spill areas can be decontaminated with 0.5% sodium hypochlorite, e.g. a 1:10 dilution of common household bleach, i.e., Chlorox, which is prepared fresh each month.

Handling and Storage

Handling Procedures and Equipment: Wear gloves. Avoid breathing dust or aerosols. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container closed when not in use.

Storage Requirements: Frozen: Store at -60C or lower. **Lyophilized:** Store at 2-8C

Exposure Controls and Personal Protection

Specific engineering controls to be used: Not specified

Personal protective equipment to be used:

Eye: Wear safety goggles (or full face-shield) depending on risk of splashes.

Skin: Wear lab coat and gloves of plastic or rubber when risk of contact.

Respiratory: None specified

Physical and Chemical Properties

Physical State: Frozen: Should be in frozen state until use. Thaw to liquid prior to use.

Lyophilized: Solid. Should be reconstituted prior to use.

Odour & Appearance: Frozen: Yellowish, translucent **Lyophilized:** Pale yellow

Odour Threshold: Not available

Specific Gravity: Not available

Vapour Pressure: Not available

Vapour Density: Not available

Evaporation Rate: Not available

Boiling Point: Not available

Freezing Point: Not available

pH: Not available

Coefficient of water/oil distribution: Not available

Reactivity Data

Conditions under which the product is chemically unstable: Product is stable.

Incompatibilities: None known

Conditions of Reactivity: None known

Hazardous Decomposition Products: None known

Toxicological Properties

Route of Entry: Include skin absorption, inhalation and ingestion.

Effects of acute exposure to product: May cause irritation. Potential viral infection. Although this material was prepared with plasma collected from donors screened for CJD and which was tested at source and found negative for HBsAg, RPR (syphilis) and antibodies to HIV and HCV and non-reactive for HIV-1 rNA and HCV rNA by FDA approved tests, it should be handled by personnel trained in the proper procedures for handling potential viral contaminants.

Effects of chronic exposure to product: The chemical, physical and toxicological properties have not been thoroughly investigated.

Exposure Limits: Not available

Irritancy of Product: See above

Sensitization to Product: Not available

Carcinogenicity: Not available

Reproductive Toxicity: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Name of toxicologically synergistic products: Not available

Ecological Information

Data is not available.

Disposal Considerations

Waste Disposal: Autoclave at 121 degrees C or higher for 40 minutes or longer. Label the container with the hazard that was present. Dispose of by means that comply with all local, state and federal regulations.

Transport Information

Special Shipping Information: **Frozen:** Ship frozen on dry ice.

Lyophilized: Ship at ambient or 2-8C.

Regulatory Information

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

Other Information

CoaChrom Diagnostica GmbH believes the above information to be correct but does not purport to be all inclusive and should be used as a guide. CoaChrom Diagnostica GmbH shall not be held liable for any damage resulting from the handling or contact with the above product.