

SAFETY DATA SHEET

SIEMENS

Protein C Reagent

**MSDS
no.**

mrhm0048

Section 1. Identification

GHS product identifier : Protein C Reagent

Product code : OQYG

Other means of identification : Protein C Activator
Protein C Deficient Plasma
APTT Reagent for Protein C

Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Not applicable.

Manufactured/supplied : Siemens Healthcare Diagnostics Inc.
511 Benedict Avenue
Tarrytown, NY 10591-5097 USA
1-877-229-3711
(800) 424-9300 (CHEMTREC) (24/365)

Section 2. Hazards identification

OSHA/HCS status : Protein C Activator This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Protein C Deficient Plasma This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
APTT Reagent for Protein C This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : Protein C Activator Not classified.
Protein C Deficient Plasma Not classified.
APTT Reagent for Protein C Not classified.

GHS label elements

Signal word : Protein C Activator No signal word.
Protein C Deficient Plasma No signal word.
APTT Reagent for Protein C No signal word.

Hazard statements : Protein C Activator No known significant effects or critical hazards.
Protein C Deficient Plasma No known significant effects or critical hazards.
APTT Reagent for Protein C No known significant effects or critical hazards.

Precautionary statements

Prevention : Protein C Activator Not applicable.
Protein C Deficient Plasma Not applicable.
APTT Reagent for Protein C Not applicable.

Response : Protein C Activator Not applicable.
Protein C Deficient Plasma Not applicable.
APTT Reagent for Protein C Not applicable.

Section 2. Hazards identification

Storage	: Protein C Activator	Not applicable.
	Protein C Deficient Plasma	Not applicable.
	APTT Reagent for Protein C	Not applicable.
Disposal	: Protein C Activator	Not applicable.
	Protein C Deficient Plasma	Not applicable.
	APTT Reagent for Protein C	Not applicable.
Supplemental label elements	: Protein C Activator	None known.
	Protein C Deficient Plasma	None known.
	APTT Reagent for Protein C	None known.
Hazards not otherwise classified	: Protein C Activator	None known.
	Protein C Deficient Plasma	None known.
	APTT Reagent for Protein C	None known.

Section 3. Composition/information on ingredients

Substance/mixture	: Protein C Activator	Mixture
	Protein C Deficient Plasma	Mixture
	APTT Reagent for Protein C	Mixture

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Protein C Activator	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	Protein C Deficient Plasma	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	APTT Reagent for Protein C	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: Protein C Activator	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Protein C Deficient Plasma	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	APTT Reagent for Protein C	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: Protein C Activator	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Protein C Deficient Plasma	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	APTT Reagent for Protein C	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Section 4. First aid measures

Ingestion

: Protein C Activator

occur.

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Protein C Deficient Plasma

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

APTT Reagent for Protein C

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact

: Protein C Activator

No known significant effects or critical hazards.

Protein C Deficient Plasma

No known significant effects or critical hazards.

APTT Reagent for Protein C

No known significant effects or critical hazards.

Inhalation

: Protein C Activator

No known significant effects or critical hazards.

Protein C Deficient Plasma

No known significant effects or critical hazards.

APTT Reagent for Protein C

No known significant effects or critical hazards.

Skin contact

: Protein C Activator

No known significant effects or critical hazards.

Protein C Deficient Plasma

No known significant effects or critical hazards.

APTT Reagent for Protein C

No known significant effects or critical hazards.

Ingestion

: Protein C Activator

No known significant effects or critical hazards.

Protein C Deficient Plasma

No known significant effects or critical hazards.

APTT Reagent for Protein C

No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact

: Protein C Activator

No specific data.

Protein C Deficient Plasma

No specific data.

APTT Reagent for Protein C

No specific data.

Section 4. First aid measures

Inhalation	: Protein C Activator	No specific data.
	Protein C Deficient Plasma	No specific data.
	APTT Reagent for Protein C	No specific data.
Skin contact	: Protein C Activator	No specific data.
	Protein C Deficient Plasma	No specific data.
	APTT Reagent for Protein C	No specific data.
Ingestion	: Protein C Activator	No specific data.
	Protein C Deficient Plasma	No specific data.
	APTT Reagent for Protein C	No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	: In case of fire, use water spray (fog), foam or dry chemical.
Unsuitable extinguishing media	: None known.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products : No specific data.

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
For emergency responders	: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Section 6. Accidental release measures

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Section 8. Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

Physical state	Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	Solid. Solid. Liquid.
Color	Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	Colorless. Colorless to light yellow. Amber. Colorless to light yellow.
Odor	Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	Odorless. Characteristic. Characteristic.
pH	Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	Not available. Not available. Not available.
Flash point	Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	Not available. [Product does not sustain combustion.] [Product does not sustain combustion.]
Flammability (solid, gas)	Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	Not available. Not available. Not available.
Relative density	Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	Not available. Not available. Not available.
Solubility in water	Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	Not available. Not available. Not available.
Partition coefficient: n-octanol/water	Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	Not available. Not available. Not available.
Auto-ignition temperature	Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	Not available. Not available. Not available.
Viscosity	Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	Not available. Not available. Not available.

Section 10. Stability and reactivity

Reactivity	Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	The product is stable. The product is stable. The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.	

Section 10. Stability and reactivity

Conditions to avoid : No specific data.

Incompatible materials : No specific data.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Not available.

Conclusion/Summary	:	Protein C Activator	Not available.
		Protein C Deficient Plasma	Not available.
		APTT Reagent for Protein C	Not available.

Irritation/Corrosion

Not available.

Conclusion/Summary

Skin	:	Protein C Activator	Not available.
		Protein C Deficient Plasma	Not available.
		APTT Reagent for Protein C	Not available.
Eyes	:	Protein C Activator	Not available.
		Protein C Deficient Plasma	Not available.
		APTT Reagent for Protein C	Not available.
Respiratory	:	Protein C Activator	Not available.
		Protein C Deficient Plasma	Not available.
		APTT Reagent for Protein C	Not available.

Sensitization

Not available.

Conclusion/Summary

Skin	:	Protein C Activator	Not available.
		Protein C Deficient Plasma	Not available.
		APTT Reagent for Protein C	Not available.
Respiratory	:	Protein C Activator	Not available.
		Protein C Deficient Plasma	Not available.
		APTT Reagent for Protein C	Not available.

Mutagenicity

Not available.

Conclusion/Summary	:	Protein C Activator	Not available.
		Protein C Deficient Plasma	Not available.
		APTT Reagent for Protein C	Not available.

Carcinogenicity

Not available.

Conclusion/Summary	:	Protein C Activator	Not available.
		Protein C Deficient Plasma	Not available.
		APTT Reagent for Protein C	Not available.

Reproductive toxicity

Not available.

Conclusion/Summary	:	Protein C Activator	Not available.
		Protein C Deficient Plasma	Not available.
		APTT Reagent for Protein C	Not available.

Teratogenicity

Not available.

Section 11. Toxicological information

Conclusion/Summary	: Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	Not available. Not available. Not available.
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Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure	: Not available.
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Potential acute health effects

Eye contact	: Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Inhalation	: Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Skin contact	: Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Ingestion	: Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	No specific data. No specific data. No specific data.
Inhalation	: Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	No specific data. No specific data. No specific data.
Skin contact	: Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	No specific data. No specific data. No specific data.
Ingestion	: Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	No specific data. No specific data. No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects	: Protein C Activator Protein C Deficient Plasma APTT Reagent for Protein C	Not available. Not available. Not available.
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Section 11. Toxicological information

Potential delayed effects : Protein C Activator Not available.
 Protein C Deficient Plasma Not available.
 APTT Reagent for Protein C Not available.

Long term exposure

Potential immediate effects : Protein C Activator Not available.
 Protein C Deficient Plasma Not available.
 APTT Reagent for Protein C Not available.

Potential delayed effects : Protein C Activator Not available.
 Protein C Deficient Plasma Not available.
 APTT Reagent for Protein C Not available.

Potential chronic health effects

Not available.

Conclusion/Summary : Not available. Protein C Activator
 Not available. Protein C Deficient Plasma
 Not available. APTT Reagent for Protein C

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Interactive effects : Protein C Activator Not available.
 Protein C Deficient Plasma Not available.
 APTT Reagent for Protein C Not available.

Other information : Protein C Activator Not available.
 Protein C Deficient Plasma Not available.
 APTT Reagent for Protein C Not available.

Section 12. Ecological information

Toxicity

Not available.

Conclusion/Summary : Protein C Activator Not available.
 Protein C Deficient Plasma Not available.
 APTT Reagent for Protein C Not available.

Persistence and degradability

Conclusion/Summary : Protein C Activator Not available.
 Protein C Deficient Plasma Not available.
 APTT Reagent for Protein C Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Protein C Activator Not available.
 Protein C Deficient Plasma Not available.
 APTT Reagent for Protein C Not available.

Section 12. Ecological information

Mobility	: Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

DOT Classification

UN number	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.
UN proper shipping name	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.
Transport hazard class(es)	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.

Packing group	Protein C Activator	-
	Protein C Deficient Plasma	-
	APTT Reagent for Protein C	-
Environmental hazards	Protein C Activator	No.
	Protein C Deficient Plasma	No.
	APTT Reagent for Protein C	No.
Additional information	Protein C Activator	-
	Protein C Deficient Plasma	-
	APTT Reagent for Protein C	-

TDG Classification

UN number	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.
UN proper shipping name	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.
Transport hazard class(es)	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.

Section 14. Transport information

Packing group	Protein C Activator	-
	Protein C Deficient Plasma	-
	APTT Reagent for Protein C	-
Environmental hazards	Protein C Activator	No.
	Protein C Deficient Plasma	No.
	APTT Reagent for Protein C	No.
Additional information	Protein C Activator	-
	Protein C Deficient Plasma	-
	APTT Reagent for Protein C	-

Mexico Classification

UN number	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.
UN proper shipping name	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.
Transport hazard class(es)	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.

Packing group	Protein C Activator	-
	Protein C Deficient Plasma	-
	APTT Reagent for Protein C	-
Environmental hazards	Protein C Activator	No.
	Protein C Deficient Plasma	No.
	APTT Reagent for Protein C	No.
Additional information	Protein C Activator	-
	Protein C Deficient Plasma	-
	APTT Reagent for Protein C	-

ADR/RID

UN number	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.
UN proper shipping name	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.
Transport hazard class(es)	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.

Packing group	Protein C Activator	-
	Protein C Deficient Plasma	-
	APTT Reagent for Protein C	-
Environmental hazards	Protein C Activator	No.
	Protein C Deficient Plasma	No.
	APTT Reagent for Protein C	No.

Section 14. Transport information

Additional information	Protein C Activator	-
	Protein C Deficient Plasma	-
	APTT Reagent for Protein C	-

IMDG

UN number	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.
UN proper shipping name	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.
Transport hazard class(es)	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.

Packing group	Protein C Activator	-
	Protein C Deficient Plasma	-
	APTT Reagent for Protein C	-

Environmental hazards	Protein C Activator	No.
	Protein C Deficient Plasma	No.
	APTT Reagent for Protein C	No.

Additional information	Protein C Activator	-
	Protein C Deficient Plasma	-
	APTT Reagent for Protein C	-

IATA

UN number	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.

UN proper shipping name	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.

Transport hazard class(es)	Protein C Activator	Not available.
	Protein C Deficient Plasma	Not available.
	APTT Reagent for Protein C	Not available.

Packing group	Protein C Activator	-
	Protein C Deficient Plasma	-
	APTT Reagent for Protein C	-

Environmental hazards	Protein C Activator	No.
	Protein C Deficient Plasma	No.
	APTT Reagent for Protein C	No.

Additional information	Protein C Activator	-
	Protein C Deficient Plasma	-
	APTT Reagent for Protein C	-

Section 14. Transport information

Special precautions for user : Protein C Activator

Protein C Deficient Plasma

APTT Reagent for Protein C

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available.

Section 15. Regulatory information

U.S. Federal regulations : TSCA 8(a) CDR Exempt/Partial exemption: Not determined
 United States inventory (TSCA 8b): Not determined.
 Clean Water Act (CWA) 307: phenol
 Clean Water Act (CWA) 311: phenol

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
APTT Reagent for Protein C Phenol	0.15	Yes.	500 / 10000	-	1000	-

SARA 304 RQ : 800000 lbs / 363200 kg

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

No products were found.

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

Section 15. Regulatory information

Pennsylvania : None of the components are listed.

International regulations

Chemical Weapons	: Protein C Activator	Not listed
Convention List Schedule I	Protein C Deficient Plasma	Not listed
Chemicals	APTT Reagent for Protein C	Not listed
Chemical Weapons	: Protein C Activator	Not listed
Convention List Schedule II	Protein C Deficient Plasma	Not listed
Chemicals	APTT Reagent for Protein C	Not listed
Chemical Weapons	: Protein C Activator	Not listed
Convention List Schedule III	Protein C Deficient Plasma	Not listed
Chemicals	APTT Reagent for Protein C	Not listed

Section 16. Other information

History

Date of issue/Date of revision : 1/22/2016.

Version : 1.04

Key to abbreviations

: ATE = Acute Toxicity Estimate
 BCF = Bioconcentration Factor
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC = Intermediate Bulk Container
 IMDG = International Maritime Dangerous Goods
 LogPow = logarithm of the octanol/water partition coefficient
 MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 UN = United Nations

▣ Indicates information that has changed from previously issued version.

Notice to reader

Allergen : Not available.