

MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

Name: Prothrombin Time

Description: Human Plasma

Manufacturer: Prestige Diagnostics U.K Ltd.,
40/41 Ballymena Business Centre
Galgorm, Co. Antrim, BT42 1FL
+44(0)28 2564 2100

Cat No. : COAPTH1, COAPTH2, COAPTH3

Section 2: CHEMICAL COMPOSITION

| COMPONENT | CONCENTRATION | DESCRIPTION |
|---------------------------------|---------------|--|
| Tris-hydroxymethyl-aminomethane | 4 % (W/v) | CAS 77-86-1, Raw material Xi, R36/37/38: irritating to eyes, respiratory system and skin |
| Sodium Azide - Preservative | 0.1% (W/v) | CAS 26628-22-8, Raw material T+, R28-32: Very toxic if swallowed, contacts with acids liberates very toxic gas |
| CHAPS | 0.014 % (W/v) | CAS 75621-03-3, Raw material Xi, R36/37/38: irritating to eyes, respiratory system and skin |
| Calcium Chloride Dihydrate | 0.170 % (W/v) | CAS 10035-04-08, Raw material Xi, R36: irritating to eyes, respiratory system and skin |
| Proxel GXL - Preservative | 0.110 % (W/v) | 1,2 Bezisothiazol-3 (2H)-one hydrate, Sodium Hydroxide, Dipropylene Glycol |
| Polybrene | 0.006 % (W/v) | CAS 28728-55-4, Raw material Xn, R20/21/22: harmful by inhalation, in contact with skin or swallowed |

Section 3: HAZARDS IDENTIFICATION

Material is provided as an opaque, white coloured liquid.

Section 4: FIRST AID MEASURES

In case of eye contact – hold eyelids open and flush with a gentle stream of water for at least 15 minutes. Seek medical attention.

Section 5: FIRE FIGHTING MEASURES

Material is noncombustible. Wear self contained breathing apparatus. No hazardous decomposition materials known.

Section 6: ACCIDENTAL RELEASE MEASURES

Wear appropriate protection gear. Area of spill should be wiped up and cleaned with soap and water.

Section 7: HANDLING AND STORAGE

Store at 2-8°C. Avoid skin contact and do not ingest.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Gloves and safety goggles.

Section 9: PHYSICAL & CHEMICAL PROPERTIES

Material is a white coloured liquid. No data available at this time for chemical properties.

Section 10: STABILITY & REACTIVITY

Chemical Stability: Stable
Hazardous polymerization: Does not occur
Conditions to avoid: Prolonged exposure to temperatures above 37°C.
Chemical incompatibility: Non aqueous solutions
Hazardous decomposition products: Not Known

Section 11: TOXICOLOGICAL INFORMATION

Acute Data:

Eye irritation: May cause irritation

Skin irritation: May cause irritation

LD50: Not Known

Chronic Data:

Chronic toxicity studies: Not Known

Mutagenicity data: No known mutagenic effects

Reproductive teratology data: Not Known

Carcinogenicity data: Not Known

Section 12: ECOLOGICAL INFORMATION

Data not available

Section 13: DISPOSAL CONSIDERATIONS

Dispose of according to local regulations.

Section 14: TRANSPORT INFORMATION

Land Transport (ADR/RID): Not Regulated

Air Transport (ICAO/IATA): Not Regulated

Maritime Transport (IMO-IMDG): Not Regulated

Section 15: REGULATORY INFORMATION

This material is considered to be hazardous according to OSHA standards.

Section 16: OTHER INFORMATION

Recommended Use: For research or clinical investigational use only.

Not for use on or in human and animals. Information contained in this MSDS relies upon our best knowledge of the product upon issue of this document to describe the use, storage, transport and disposal under safe and secure measures. Such information is not a guarantee of the characteristics and specific quality of the product. This MSDS concerns the stated preparation and cannot apply to the product if used with other materials or in a process other than those specifically stated.