

Emergency Phone Number (24 hours) CHEMTREC (800-424-9300)
Outside US: 703-527-3887

SECTION 1
CHEMICAL IDENTIFICATION OF THE
SUBSTANCE/PREPARATION

NAME: Plasma Standard- This solution is composed of one of the following depending on the catalog number:

10,000 ppm of Titanium in Water - PLTI9-3X, PLTI9-3Y

1,000 ppm of Titanium in Water - PLTI9- 2X, PLTI9-2T

1,000 ppm of Titanium in Water - PLTI9-2Y, CLTI9-2Y

CHEMICAL FAMILY: Dilute salt solution

COMMON NAME OR SYNONYMS: None

SPEX CERTIPREP CATALOG NUMBER: PLTI9- 2Y, PLTI9- 2X
PLTI9-2T, PLTI9-3Y, PLTI9 -3X, CLTI9-2Y

Manufacturer/Supplier
SPEX CERTIPREP
203 Norcross Avenue
Metuchen, NJ 08840

SPEX CERTIPREP LTD
2 Dalston Gardens
Stanmore, Middlesex HA7 1BQ
England
Tel: (0) 20 8204 6656

SECTION 2
COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	%	TLV UNITS	CAS #	EINECS
(NH ₄) TiF ₆	~0.41-4.1	2.5 mg/m ³ as F	[16962-40-6]	N/A
Water	~99-95	N/A	[7732-18-5]	

SECTION 3
HAZARDS IDENTIFICATION

May be irritating to the eyes upon contact.

SECTION 4
FIRST AID MEASURES

General: Remove contaminated clothing, wash thoroughly before reuse.

Eyes: Flush with water for at least 15 minutes occasionally lifting upper and lower eyelids. *Skin:* Remove contaminated clothing and flush with water thoroughly. *Inhalation:* Move to fresh air. Consult doctor if symptoms persist. *Ingestion:* If large amounts were swallowed, get immediate medical help. If the patient is conscious, give large quantities of water.

SECTION 5
FIRE FIGHTING MEASURES

Flash Point: Not applicable.

Extinguishing media: Appropriate to surrounding fire conditions.

Special Hazards and Procedure: None

Protective Equipment: Wear appropriate to surrounding fire conditions.

SECTION 6
ACCIDENTAL RELEASE MEASURES

Ventilate area. Wear appropriate protective equipment. Contain and recover when possible. Collect or absorb with an inert material (vermiculite, dry sand, earth etc) .Wipe up and put into a sealed container for proper disposal. Wash spill site with water after material pick up is complete. Wear chemical resistant glasses, gloves and clothing.

SECTION 7
HANDLING & STORAGE

Ensure good ventilation/exhaustion at work place. Have an immediate availability of an eye wash in case of emergency. Store at room temperature. Keep the container tightly closed. Use good Laboratory Practice when working with any chemical whether it is considered hazardous or not. Since fluorides salts are present, contact with glass should be avoided.

PLTI9/CLTI9 cont'd

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear goggles, protective apron and chemical resistant gloves. Not expected to require special ventilation or personal respirator usage.

SECTION 9

PHYSICAL & CHEMICAL PROPERTIES

Form:	Liquid
Appearance & odor:	Transparent with no odor
Specific Gravity:	Approximately 1.0
pH:	4-9
Melting point:	n/a
Boiling Point:	~100C
Solubility in water:	Miscible
Danger of Explosion:	Not explosive
Self-ignitability:	Not self igniting

SECTION 10

STABILITY & REACTIVITY

Stability: Stable under normal storage and use.
Hazardous Decomposition Products: No information found
Hazardous Polymerization: Will not occur
Incompatibility: No information
Conditions to Avoid: No information.

SECTION 11

TOXICOLOGICAL INFORMATION

This solution may be irritating to the eyes upon contact. There is not much toxicological information available.

TOXICITY DATA:

No data available

SECTION 12

ECOLOGICAL INFORMATION

No information is found on environmental toxicity for this solution.

SECTION 13

DISPOSAL CONSIDERATIONS

Contact local Hazardous or Chemical waste disposal agency for regulations.

SECTION 14

TRANSPORT INFORMATION

Air & Ground: Not Regulated

SECTION 15

REGULATORY INFORMATION

USA: Not Regulated

Components of this solution are listed in EPA TSCA Inventory List.

WHMIS Classification (Canada): Not Regulated.

EC Guidelines: Not Regulated

Safety Phrases:

36/37/39 - Wear suitable protective clothing, gloves, and eye/face protection

26 - in case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

45 - in case of accident or if you feel unwell, seek medical advice immediately.

SECTION 16

OTHER INFORMATION

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Date: April 29, 2006