

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 Sodium in 5% Hydrochloric Acid - PLNA1-3X

10,000 ppm of Sodium in 5% Hydrochloric Acid - PLNA1-3Y

1,000 ppm of Sodium in 2% Hydrochloric Acid - PLNA1-2X

1,000 ppm of Sodium in 2% Hydrochloric Acid - PLNA1-2Y

CHEMICAL FAMILY: Dilute acid solution

COMMON NAME OR SYNONYMS: None

SPEX CERTIPREP CATALOG NUMBER: PLNA1- 2Y, PLNA1- 2X
PLNA1-3Y, PLNA1-3X

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

HAZARDOUS:

MATERIAL	%	TLV UNITS	CAS #	EINECS
HCl	~2-5	C 7 mg/m ³ (TWA)	[7647-01-0]	(231-595-7)
NaCl	~0.25—2.5	N/A	[7647-14-5]	

NONHAZARDOUS:

Water	~94-97	N/A	[7732-18-5]	
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SECTION 3

HAZARDS IDENTIFICATION

Corrosive. Harmful by ingestion. Irritating to the eyes and skin 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:** 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: It may emit toxic Cl fumes in case of fire.

Protective Equipment: Wear self contained breathing apparatus and full protective suit.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Ventilate area. Wear protective equipment. Do not allow to enter drainage systems or water ways. Dilute spill with water and neutralize with soda ash, limestone 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.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear goggles, protective apron and acid resistant gloves. Use under fume hood. In case of brief exposure, use MSHA/NIOSH approved respirator.

SECTION 9

PHYSICAL & CHEMICAL PROPERTIES

Form:	Liquid
Appearance & odor:	Transparent with acrid odor
Specific Gravity:	Approximately 1.0
pH:	1 to 2
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.

Reactivity: No information available for this solution.

Incompatibility: No information available for this solution.

Hazardous Decomposition Products: Toxic fumes under conditions of fire.

Hazardous Polymerization: Will not occur.

