

SAFETY DATA SHEET
(According to 1999/45/CE, 2001/58/CE, 2001/59/CE regulations)

1 PRODUCT AND COMPANY IDENTIFICATION**Product identification:**

Product name:

HCG-β
REAGENT F - STOP SOLUTION

REF GD7090 00

Product utilization: Blocking reagent for stopping the final enzymatic colorimetric reaction of the Elisa assays.

Company identification:

Manufacturer:

Globe Diagnostics S.r.l.
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2 COMPOSITION / INFORMATIONS IN INGREDIENTS

Chemical nature of the product: liquid solution

<i>Hazardous ingredients</i>	<i>weight/weight concentration</i>	<i>CAS N.</i>	<i>EC N.</i>	<i>Index N.</i>
Phosphoric Acid	7,19%	7664-38-2	231-633-2	015-011-00-6
Chloridric Acid	8,28%	7647-01-0	231-695-7	017-002-01-X

3 HAZARDS IDENTIFICATION

Reagent F

**R 36/37/38****Main hazards:**

Both acid cause burns, but the low concentration of the two ingredients makes them only irritating, so they will be labelled with the symbol (Xi)

Specific hazards:

Not Known

4 FIRST AID MEASURES**After eyes contact:**

Immediately wash with copious water for at least 15 minutes, by keeping the eyelid opened. Consult a doctor.

After skin contact:

Take off the contaminated clothes, wash immediately and plentifully with water. Consult a doctor.

After ingestion:

Immediately drink a lot of water. If possible avoid vomiting. Consult a doctor and, if possible, show him the container or the label.

5 FIRE FIGHTING MEASURES**Extinguishing media:**Sprinkling of water, vaporized water, dry chemistry, CO₂.**Special risks:**

Production of caustic vapours. Protect oneself from inhalation.

6 ACCIDENTAL RELEASE MEASURES**Personel precautions:**

Use personal protection equipments (gloves). Avoid contact with skin, eyes and clothes.

Environmental precautions:

Avoid waste in the sewerage systems.

Methods for cleaning up:

Wash with copious water.

7 HANDLING AND STORAGE**Handling:**

Measures and technical precautions:

Handle according to the good safety and sanitary regulations for diagnostic products.

Storage:

Suggestions for a safe use:

None

Conditions of storage:

Store at 15-25 °C. Store in the original containers, protected from heat.

Incompatible products:

None

Packaging materials:

Polyethylene

8 EXPOSURE CONTROL / PERSONAL PROTECTION**Exposure controls:**

Considering the low concentration of hazard substances present in Reagent F and the further low volume used in the analysis, it is supposed that the exposure limits are not reached.

Respiratory protection:

Not necessary

Eye protection:

Not necessary

Hand protection:

Latex gloves

Skin and body protection:

Laboratory coat

Low of hygiene:

General hygiene measures

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Colourless
Odour:	Unpleasant
pH at 20°C:	
Boiling point range:	No data available
Melting point range:	No data available
Flash point:	No data available
Explosive properties:	No data available
Vapor pressure:	No data available
Density:	No data available
Solubility:	Soluble

10 STABILITY AND REACTIVITY

Stability:	Stable at standard conditions
Materials to be avoided:	Bases
Dangerous decomposition products:	Hydrogen for the reaction with metals

11 TOXICOLOGICAL INFORMATIONS

The described toxicological informations are related to the single dangerous substance, in accordance with the Material Safety Data Sheet of the supplier; at the moment the same informations related to the final preparation are not available.

Acute toxicity:	Phosphoric acid : DLL o oral/mouse 1530 mg/kg Chloridric acid: DLL o oral/mouse 990 mg/kg
Local effects:	Irritating and sensitizing for tissues.
Human experience:	The ingestion causes burnings at the superior digestive system and at the respiratory tract.

12 ECOLOGICAL INFORMATIONS

Observe all local environmental regulations.

13 DISPOSAL CONSIDERATIONS

Refuse from discards or unused product:	The product has to be disposed as chemical reagent according to the local regulations. Avoid dispersing in the environment.
Contaminates containers:	According to the national and local regulations.

14 TRANSPORT INFORMATIONS

UN N° :		Technical name: NOT RESTRICTED
ADR RID :	NR	
IMO :	NR	
ICAO :	NR	

15 REGULATORY INFORMATIONS

The product is classified and labeled according to 67/548/CE regulation and subsequent updatings.

Symbols :	Xi =Irritating
R-Phrases:	R 36/37/38 = Irritating for eyes, airways and skin.
S-Phrases:	S (1/2-) = keep locked and out of the children range; S 28 =In case of conctacyt with skin, immediately wash with copious water; S 60 = dispose the reagent and its container as hazard chemical; S 61 = do not waste in the sewerage systems. Refer to special instruction safety data sheets; S 20/21 = do not eat, drink or smoke when use; S 29/56 = do not waste in the sewerage systems; dispose this material in an authorized point for special and dangerous waste products;S 36/37/39 = wear suitable protective clothing, gloves and eye/face protection; S 45 = in case of accident or indisposition, immediately seek medical advice and, if possible, show the label.

16 OTHER INFORMATIONS

Recomended use: *For in vitro diagnostic use only*

The above informations are believed to be correct but do not purport to be all inclusive and shall be used as a guide.
Globe Diagnostics S.r.l. shall not be held liable for any damage resulting from handling or from contact with the above product.