SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: **MEGAPLEX™ PRIMERS, HUMAN POOL B**

PRODUCTNUMBER : **4399918**

SUPPLIER: APPLIED BIOSYSTEMS
7 KINGSLAND GRANGE, WOOLSTON
WARRINGTON, CHESHIRE, WA1 4SR,
UNITED KINGDOM
http://www.appliedbiosystems.com

IN CASE OF EMERGENCY CALL
CHEMTREC +1-703-527-3887.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	CAS-No.	EC-No. (EINECS-No.)	Weight %	Classification
Tris Base	77-86-1	201-064-4	1 - 10 %	Xi R36/38 Irritant

3. HAZARDS IDENTIFICATION

In accordance with Directive 1999/45/EC, the product does not need to be classified nor labelled.

4. FIRST AID MEASURES

Eye contact Immediately flush eyes for at least 15 minutes. Get medical attention.

Inhalation Remove to fresh air immediately. Get medical attention immediately.
If not breathing, give artificial respiration.

Skin contact Rinse immediately with plenty of water and seek medical advice.
Remove and wash contaminated clothing before re-use.

Ingestion If swallowed, call a poison control centre or doctor immediately.
Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray Carbon dioxide (CO2) Foam Dry chemical
Hazardous decomposition products	Carbon oxides, nitrogen oxides (NOx)
Special protective equipment for fire-fighters	Wear self contained breathing apparatus for fire fighting if necessary. Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.
Avoid contact with skin, eyes and clothing.
Avoid breathing dust/fume/gas/mist/vapours/spray.

Environmental precautions

Should not be released into the environment. Prevent product from entering drains.

Methods for cleaning up

Clean contaminated floors and objects thoroughly while observing environmental regulations. Ensure adequate ventilation.

7. HANDLING AND STORAGE

Precautions for safe handling

Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment.

Storage conditions

Protect against physical damage. Isolate from incompatible substances. Store in original container. See product label for specific storage requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit(s)

We are not aware of any national exposure limit.

Eye protection	Chemical resistant goggles must be worn. Ensure that eyewash stations and safety showers are close to the workstation location.
Hand protection	Wear suitable gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Respiratory protection	Avoid breathing vapor. For unknown concentrations or Immediately Dangerous to Life or Health (IDLH), use a full-facepiece positive pressure air supplied respirator.

Skin protection	Wear suitable protective clothing.
Engineering measures	Handle only in a place equipped with local exhaust (or other appropriate exhaust).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Colour	This information is not available.
Odour	This information is not available.
Odour Odour Threshold	This information is not available.
pH	This information is not available.
Boiling point	This information is not available.
Melting point	This information is not available.
Vapour pressure	This information is not available.
Water solubility	This information is not available.
Flash point	This information is not available.
Explosion limits	This information is not available.
Density	This information is not available.
Percent volatile	This information is not available.
Volatile organic compounds (VOC) content	This information is not available.

10. STABILITY AND REACTIVITY

Conditions to avoid	Keep away from open flames, hot surfaces and sources of ignition.
Materials to avoid	Oxidizing agents, Aluminium, Copper
Hazardous decomposition products	Carbon oxides, nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Hazardous components : **Tris Base**

Acute oral toxicity Oral LD50 rat 5,900 mg/kg

Further information
The product itself has not been tested.

12. ECOLOGICAL INFORMATION

We have no quantitative data concerning the ecological effects of this product.
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. DISPOSAL CONSIDERATIONS

Environmental precautions	Should not be released into the environment. Prevent product from entering drains.
Disposal methods	Dispose of in accordance with local regulations.
General advice	**DISPOSAL CONSIDERATIONS** The product has to be disposed of as laboratory chemical in accordance with local regulations.

14. TRANSPORT INFORMATION

IATA-DGR

Not dangerous goods

IMDG

Not dangerous goods

ADR

Not dangerous goods

15. REGULATORY INFORMATION

Labelling

In accordance with Directive 1999/45/EC, the product does not need to be classified nor labelled.

National Inventory Status - European Union

EINECS

All components of this substance are listed on or are exempt from the inventory.

ELINCS

All components of this substance are listed on or are exempt from the inventory.

NLP

All components of this substance are listed on or are exempt from the inventory.

16. OTHER INFORMATION

Text of R-phrases mentioned in Section 2

R36/38	Irritating to eyes and skin.

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