MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **10X PX02 ASSAY MIX**
PRODUCT PART NUMBER: **4384378**

KIT NAME: **10X B.PX02 ASSAY MIX**
KIT PART NUMBER: **4384378**

SYNONYMS: MSDS P/N: 4385158, BULK P/N: 4384376

SUPPLIER:
APPLIED BIOSYSTEMS
850 LINCOLN CENTRE DRIVE
FOSTER CITY, CA, 94404
USA
www.appliedbiosystems.com

IN CASE OF EMERGENCY, CALL CHEMTREC:
(NORTH AMERICA); 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to 29 CFR 1910.1200 (OSHA Hazard Communication Standard).

3. HAZARDS IDENTIFICATION

Potential health effects
Inhalation :
No information available.

Skin :
No information available.

Eyes :
No information available.

Ingestion :
No information available.

Physical and chemical hazards :
No information available.

4. FIRST AID MEASURES

Eye contact: Rinse immediately with plenty of water,also under the eyelids, for at least 15 minutes.
Seek medical attention if necessary.

Inhalation: Move to fresh air.
Seek medical attention if necessary.

Skin contact: Wash off with plenty of water.
Seek medical attention if necessary.

Ingestion: If swallowed, seek medical advice immediately and show this container or label.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Water
Foam
Dry chemical
Carbon dioxide (CO2)

Hazardous decomposition products Thermal decomposition products
Carbon oxides

Special protective equipment for fire-fighters Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.
Avoid contact with skin, eyes and clothing.

Methods for cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s)

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Eye protection	Safety glasses with side-shields
Hand protection	Impervious gloves should be worn to prevent skin contact and absorption.
Respiratory protection	Provide adequate ventilation.
Skin protection	Lab coat

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Colour	Not Available
Odour	Not Available
Odour threshold	Not Available
pH	Not Available
Boiling point	Not Available
Melting point	Not Available
Vapour pressure	Not Available
Water solubility	Not Available
Flash point	Not Available
Explosion limits	Not Available
Density	Not Available
Percent volatile	Not Available
Volatile organic compounds (VOC) content	Not Available

10. STABILITY AND REACTIVITY

Hazardous decomposition products	Thermal decomposition products Carbon oxides

11. TOXICOLOGICAL INFORMATION

Further information
Additional toxicological data may be available on the component(s) of this product. Please call 650-638-5635 (North America) or contact MSDS_Inquiry_CCRM@appliedbiosystems.com for more information.

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

Disposal methods	Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

DOT: ROAD TRANSPORT
Non-hazardous for transport

IATA-DGR

AIR TRANSPORT: IATA CARGO
Non-hazardous for transport

AIR TRANSPORT: IATA PASSENGER
Non-hazardous for transport

IMDG
Non-hazardous for transport

15. REGULATORY INFORMATION

SARA Section 302 Extremely Hazardous Substances
This product is not regulated under SARA Section 302 Extremely Hazardous Substance (40 CFR 355.30).

SARA Section 304 Extremely Hazardous Substances
This product is not regulated under SARA Section 304 Extremely Hazardous Substance (40 CFR 355.40).

SARA Section 313 Emission Reporting
This product is not regulated under SARA Section 313 (40 CFR 372.65).

State Regulations

U.S.- New Jersey - Worker and Community Right to Know Act (N.J.S.A. 34:5A-1)
No components regulated under the New Jersey Worker and Community Right-to-Know Act.

U.S.- Massachusetts - General Law Chapter 111F (MGL c 111F) - Hazardous Substances Disclosure by Employers (a.k.a. Right to Know Law
No components regulated under the Massachusetts Hazardous Substances Disclosure by Employers Law.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances
No components found on the California Director's List of Hazardous Substances.

U.S. - California - 8 CCR Section 5200-5220 - Specifically Regulated Carcinogens
No components found on the California Section 5200 - 5220 Specifically Regulated Carcinogens.

U.S. - California - 8 CCR Section 5203 Carcinogens
No components found on the California Section 5203 Carcinogens List.

U.S. - California - 8 CCR Section 5209 Carcinogens
No components found on the California Section 5209 Carcinogens List.

California Prop. 65
Not Regulated

National Inventory Status - United States of America

TOXIC SUBSTANCES CONTROL ACT
All components of this product are NOT included on the Toxic Substance Control Act (TSCA) Inventory. Materials not included on the TSCA Inventory may only be used for research and development (R&D) purposes or in other TSCA-exempt activities.

TOXIC SUBSTANCES CONTROL ACT, SECTION 12(B) EXPORT NOTIFICATION 40CFR 707, SUBPART D
No components of this product are included on the Toxic Substance Control Act (TSCA) Section 12(b) Export Notification List.

16. OTHER INFORMATION

Disclaimer: This MSDS has been prepared using information from sources considered technically reliable. It should not be relied upon as a product specification. The company makes no warranty of any kind, expressed or implied, concerning the safe use of this material in your process or in combination with other chemical substances. Every user of the product is responsible for evaluating its own processes and conditions of use and selecting appropriate protective measures for employee exposure.

Legend

ACGIH	American Conference of Governmental Industrial Hygenists
OSHA	Occupational Safety and Health Act
PEL	Permissable exposure limit
STEL	Short term exposure limit
TLV	Threshold limit value
TWA	Time weighted average

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