



SAFETY DATA SHEET

REVISION DATE: 09 February 2022

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Section 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Xpert NPM1 Control Panel C194
SYNONYMS: N/A
PRODUCT CODES: C194

USE OF THE SUBSTANCE PREPARATION: Xpert NPM1 Control Panel C194 is intended for use as reference material to monitor the performance of the *in vitro* quantitative detection of NPM1 MUT A and ABL1 mRNA transcripts on Cepheid's GeneXpert System.

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET AND MANUFACTURER NAME AND ADDRESS:

| | | |
|---|--|--|
| Maine Molecular Quality Controls, Inc (MMQCI) 23 Mill Brook Rd Saco, Maine 04072 (USA) E-mail: info@mmqci.com www.mmqci.com Emergency telephone number: 207-885-1072 | Manufacturer Phone Number 207-885-1072 | Manufacturer Fax Number 207-885-1079 |
|---|--|--|

Section 2 – HAZARD(S) IDENTIFICATION

HAZARDOUS INGREDIENTS:

10% Ethyl Alcohol

Classification: Void

This product is not considered to be flammable under ordinary laboratory conditions based on studies performed by MMQCI.

Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization (Hazardous Chemical Ingredients):

| Chemical Name | EC-No. | Index-No | CAS-No. | % | Classification | Labeling |
|---------------|-----------|--------------|---------|----|----------------|-----------|
| | | | | | Symbol | R-Phrases |
| Ethyl Alcohol | 200-578-6 | 603-002-00-5 | 64-17-5 | 10 | None | None |

Dangerous Components According to EC Criteria: None

Section 4 – FIRST AID MEASURES

General: No emergency care is anticipated.

In all cases of doubt or when symptoms occur, do the following:

Inhalation: Remove affected person to fresh air. Seek medical attention if breathing becomes difficult or if cough or other symptoms develop.
Ingestion: Rinse mouth with water. Seek medical attention if signs of toxicity occur.
Skin: Remove contaminated clothing. Wash affected area with plenty of soap and water. Seek medical attention if irritation develops.
Eyes: Rinse immediately with plenty of water. Remove contact lenses if worn. Seek medical attention if redness or irritation develops.

Section 5 – FIRE FIGHTING MEASURES

Flash Point (Method Used): 32°C (90°F) (ethanol vapor), Closed Cup
Flammable Limits: N/A
Extinguishing Media: CO₂ or Dry Chemical / ABC Fire Extinguisher or water
Auto-ignition Temperature: 363°C (ethanol vapor)
Special Fire Hazards: N/A
Explosion Hazards: N/A



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Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective clothing.
Steps to be Taken in Case Material is Released or Spilled: Wipe up with appropriate absorbent material.
Waste Disposal Method: Normal disposal container

Section 7 – HANDLING AND STORAGE

Handling: Handle per package insert instructions.
Storage: Store at -25°C to -15°C.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values: None
Exposure Controls: This product is not expected to require special ventilation controls. Facilities storing or using this product should be equipped with an eyewash station.

PERSONAL PROTECTIVE EQUIPMENT:

| | | | |
|--------------------------------|------------------|------------------------------------|---------------------------------|
| Respiratory Protection: | None required | Eye Protection: | Safety glasses |
| Skin Protection: | Lab coat, gloves | Work / Hygiene Practices: | Standard laboratory precautions |
| Ventilation: | Normal | Other Protective Equipment: | None required |

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---------------------------------|-------------------|---|--------|
| Component: | Ethanol (10%) | Specific Gravity (H₂O = 1): | N/A |
| Boiling Point: | 86°C (186.8°F) | Evaporation Rate (Butyl Acetate = 1): | N/A |
| Melting Point: | N/A | Solubility in Water: | Yes |
| Vapor Density (AIR = 1): | N/A | pH: | N/A |
| Vapor Pressure (mmHg): | N/A | Odor: | Fruity |
| Appearance: | Liquid, colorless | | |

Section 10 – STABILITY AND REACTIVITY

Stability: Stable
Incompatibility (Materials to avoid): None known
Hazardous Decomposition or Byproducts: None known
Conditions to Avoid: Avoid high heat with flames and other sources of ignition.
Hazardous Polymerization: Will not occur

Section 11 – TOXICOLOGICAL INFORMATION

Routes of Entry: N/A
Health Hazards (Acute and Chronic): None known
Carcinogenicity: No
IARC Monographs: N/A
Signs and Symptoms of Exposure: None known
Medical Conditions generally aggravated by Exposure: None known
NTP: N/A
OSHA Regulated: No



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Section 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Regarded as having low toxicity to aquatic organisms.
Mobility: Water soluble, will partition to aqueous phase. Lost within short period through evaporation and dissolution. Poorly absorbed into soils and sediments.

Bioaccumulation: Low bioaccumulation potential.
Degradability: Readily biodegradable.

Section 13 – DISPOSAL CONSIDERATIONS

Appropriate Disposal / Product: Dispose of unused product, spilled substance and waste in normal disposal container.

Section 14 – TRANSPORT INFORMATION

Land Transport: Not restricted. Not regulated as hazardous goods.
Sea Transport: Not restricted. Not regulated as hazardous goods.
Air Transport: Not restricted. Not regulated as hazardous goods.

Section 15 – REGULATORY INFORMATION

| Chemical Name | EC-No. | Index-No | CAS-No. | % | Classification | Labeling |
|---------------|-----------|--------------|---------|----|----------------|-----------|
| | | | | | Symbol | R-Phrases |
| Ethyl Alcohol | 200-578-6 | 603-002-00-5 | 64-17-5 | 10 | None | None |

California Proposition 65: This product does not contain any substances listed on California's listing of known or potential carcinogens.

Chemical Safety Assessment: Observe general laboratory safety regulations when handling chemicals.

Section 16 – OTHER INFORMATION

SDS Prepared by: MMQCI
Preparation Date: 09 February 2022

Disclaimer: The information contained in this SDS is provided only for use as a guide. The SDS was carefully prepared based on references and tests believed to be reliable; however, MMQCI makes no guarantee of the accuracy and completeness of the data. Any use of the data must be in accordance with applicable federal, state and local regulations.