MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION

Product Name: POTASSIUM CHROMATE

SECTION II. HAZARD IDENTIFICATION

Health Hazard: 

Fire Hazard: 

Reactivity Hazard: 

Physical Hazard: 

Environmental Hazard: 

SECTION III. INGREDIENTS OF MIXTURE

Principal Component(s) % TLV Units

Potassium Chromate 100% See Section V.

SECTION IV. PHYSICAL PROPERTIES

Boiling Point (°F): 972°F (522°C)
Specific Gravity (H₂O = 1): 2.73 at 18°C
Flammable Limits to Air: Not applicable

SECTION V. FIRE AND EXPLOSION HAZARD DATA

Flammable Limits in Air: NA
Exposure to Air: NA

SECTION VI. REACTIVITY DATA

Stability: Unstable
Incompatibility: (Materials to Avoid) 

SECTION VII. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required in normal laboratory handling.
Mechanical (Dense) Ventilation: Recommended: 15 L/min
Eye Protection: Chemical safety glasses.

SECTION IX. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storage

Other Precautions

NOTES: Chrome compounds in the form of chromium and dichromates have been found to be mutagenic in bacteria and mammalian cells, including those of the Chinese hamster. Recent studies indicate a significant risk of lung cancer among long-term employees of the chromic producing industry for laboratory use only. Do not take by mouth. Do not use near fires or sparks when working with chromium compounds.