

PRODUCT SAFETY DATA SHEET

1: IDENTIFICATION

Catalog Number/Product Name: CK9801, Pyrazinamidase Reagent.

Other Common Names: Ammonium Iron (II) Sulphate Hexahydrate, Mohr's Salt

Recommended Use/Restrictions: For in-vitro diagnostic use only by trained professionals.

Manufacturer/Supplier:

BioConnections

Phone Number: 01782 516010

Brindley Court

Victoria Business Park

Emergency Phone Number: None available

Knypersley

ST8 7PP

2: HAZARD(S) IDENTIFICATION

(a) Classification of the chemical:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

(b) Signal word:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

(c) Hazard statement(s):

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

(d) Symbol(s):

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

(e) Precautionary statement(s):

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

(f) Describe any hazards not otherwise classified that have been identified during the classification process:

No data available

3: COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	Common Name/Synonym	CAS Number	Concentration (%)
Ammonium Iron (II) Sulphate Hexahydrate	Mohr's Salt	7783-85-9	<0.1%

No components need to be disclosed according to applicable regulations

4: FIRST-AID MEASURES

(a) Routes of Exposure:

Eyes: Rinse thoroughly with plenty of water for 10 to 15 minutes, also under the eyelids. Obtain medical attention if irritation persists

Ingestion: Rinse mouth out with plenty of water. Never give anything by mouth to an unconscious person

Inhalation: Remove victim to fresh air. If not breathing begin artificial respiration and seek medical advice immediately

Skin: Wash off with warm water and soap. Get medical attention if irritation develops and persists

(b) Important symptoms/effects(acute and delayed): Refer to information in sections 2C and 11

(c) Indication of immediate medical attention and special treatment needed: No data available. Contact poison control and/or a physician. Treat symptomatically and supportively

5: FIRE-FIGHTING MEASURES

(a) Suitable (and unsuitable) extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

(b) Specific hazards arising from the chemical: Sulphur oxides, Nitrogen oxides (NOx), Iron oxides

(c) Special protective equipment and precautions for fire-fighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6: ACCIDENTAL RELEASE MEASURES

(a) Personal precautions, protective equipment, and emergency procedures: Wear PPE and chemical resistant gloves. Keep unprotected people away.

(b) Methods and materials for containment and cleaning up: Sweep up and shovel, keep in closed containers for disposal. Discard according to local regulations.

7: HANDLING AND STORAGE

(a) **Precautions for safe handling:** Wear appropriate PPE

(b) **Conditions for safe storage:** Store according to label instructions. Store at ambient temperature and away from strong light.

8: EXPOSURE CONTROLS / PERSONAL PROTECTION

(a) **OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:**

Chemical Name	CAS Number	Value	Control parameters	Basis
Ammonium iron (2+) sulphate hydrate (2:1:2:6)	7783-85-9	TWA	1 mg/m ³	UK. EH40 WEL – Workplace exposure Limits
		STEL	2 mg/m ³	UK. EH40 WEL – Workplace exposure Limits

(b) **Appropriate engineering controls:** Eye bath. Safety shower.

(c) **Individual protection measures, such as personal protective equipment:**

Eye Protection: Safety glasses with side-shields.

Ingestion: Do not swallow. Product may cause permanent damage to the digestive tract: burns, perforation, irritation with abdominal pain, nausea, vomiting and diarrhea

Inhalation: Ensure adequate ventilation, especially in confined spaces.

Skin and Hand Protection: Wear protective gloves, safety glasses and long sleeved clothing.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Physical State: Solid.

Color: White.

Odor: No data available.

Odor Threshold: No data available.

pH: No data available

Melting Point/Freezing Point: No data available.

Boiling Point/Boiling Range: No data available.

Flash Point: Not determined.

Evaporation Rate: No data available.

Flammability: No information available.

Upper and Lower Flammability/Explosive Limits: No data available.

Vapor Pressure: No data available.

Vapor Density: No data available.

Relative Density: No data available.

Solubility: Soluble in water.

Partition coefficient (n-octanol/water): No data available.

Auto-ignition Temperature: No data available.

Decomposition Temperature: No data available.

Viscosity: No data available.

10: STABILITY AND REACTIVITY

(a) **Reactivity:** Not determined.

(b) **Chemical stability:** Stable under normal conditions.

(c) **Possibility of hazardous reactions:** Not determined

(d) **Conditions to avoid (e.g., static discharge, shock, or vibration):** Light, air.

(e) **Incompatible materials:** No data available

(f) **Hazardous decomposition products:** Sulphur oxides, Nitrogen oxides (NOx), Iron oxides.

11: TOXICOLOGICAL INFORMATION

Description of the various toxicological (health) effects and the available data used to identify those effects, including:

(a) **Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):** No data available.

(b) **Symptoms related to the physical, chemical and toxicological characteristics:** No data available.

(c) **Delayed and immediate effects and also chronic effects from short- and long-term exposure:** No data available.

(d) **Numerical measures of toxicity (such as acute toxicity estimates):** No data available.

(e) **Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:** No data available.

12: ECOLOGICAL INFORMATION
Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.
13: DISPOSAL CONSIDERATIONS
Dispose as clinical waste
14: TRANSPORT INFORMATION
DOT Hazard Class: - Shipping name: Not dangerous goods Identification number: - Packing group: -
15: REGULATORY INFORMATION
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
16: OTHER INFORMATION
The above information, to the best of our knowledge, is accurate. BioConnections assumes no liability whatsoever for the accuracy or completeness of the information stated above. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards may be described, we cannot guarantee that these are the only hazards that exist. Revision Date: August, 2020