



# MATERIAL SAFETY DATA SHEET

## CHELATING LOW DENSITY Agarose Pre-packed Columns

### PRODUCT IDENTIFICATION

CAT. No. 6 BCL-QLNi-C5 / 6 BCL-QLZn-C5 / 6 BCL-QLCu-C5 / 6 BCL-QLNi-C8 / 6 BCL-QLZn-C8 / 6 BCL-QLCu-C8  
PRODUCT NAME His-XL COLUMN LOW Density NICKEL / His-XL COLUMN LOW Density ZINC / His-XL COLUMN LOW Density COPPER  
His- COLUMN LOW Density NICKEL / His- COLUMN LOW Density ZINC / His- COLUMN LOW Density COPPER

### COMPOSITION- INFORMATION ABOUT INGREDIENTS

GENERAL DESCRIPTION: 8 (or 5) columns packed with 1 ml (or 5ml) of activated agarose gel containing preservative (20% Ethanol).

CAS: None.

### HAZARDS IDENTIFICATION

No specific information is available regarding the acute toxic effects of this material for humans. This product is not classified according to the EU regulations.

### HEALTH HAZARDS DETAIL

**Eyes:** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

**Skin:** In case of contact, immediately wash skin with soap and copious amounts of water.

If inhaled, move exposed person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

If swallowed, rinse the mouth with water provided that the person is conscious. Do not induce vomiting. Seek medical attention.

Wash contaminated clothing before reuse.

### FIRE FIGHTING MEASURES

Flammability of the product: (Flash points: not available).

#### Extinguishing media

Small Fire: Carbon dioxide, dry chemicals, water spray or foam.

Large fire: Use water spray, fog or foam. Do not use water jet.

#### Special Fire fighting procedures

No additional remarks.

### ACCIDENT RELEASE MEASURES

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and disposal according to local and regional authority requirements. Ventilate area.

### HANDLING AND STORAGE

Handling: Refer to [Exposure Controls & Personal Protections](#)

Storage: Keep container dry. Keep in a cool place (2-8°C).

Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

### EXPOSURE CONTROLS AND PERSONAL PROTECTIONS:

Chemical safety gloves, safety glasses, lab coat and vapour respirator.

Avoid inhalation, avoid contact with eyes, skin and clothing.

Wash thoroughly after handling.

### PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Suspension. Odour: Not available. Molecular weight: Not available.

### STABILITY AND REACTIVITY

Stability: Stable.

Incompatibilities: Strong oxidizing agents.

Hazardous combustion or decomposition products: Not available.

Hazardous polymerization: No.

### TOXICOLOGICAL INFORMATION

We are not aware of any hazards for the above product.

### ECOLOGICAL INFORMATION

Data not available yet.

### DISPOSAL CONSIDERATIONS

Consult your local or regional authorities.

### TRANSPORT INFORMATION

Contact [ABT](#).

### REGULATORY INFORMATION

Not available.

### OTHER INFORMATION

This MSDS is based on the most current information available. The information contained does not, however, constitute a guarantee for any specific product feature nor establish a legally valid contractual agreement.



# MATERIAL SAFETY DATA SHEET

## CHELATING HIGH DENSITY Agarose Pre-packed Columns

### PRODUCT IDENTIFICATION

CAT. No. 6 BCL-QHNi-C5 / 6 BCL-QHZn-C5 / 6 BCL-QHCo-C5 / 6 BCL-QHNi-C8 / 6 BCL-QHZn-C8 / 6 BCL-QHCo-C8  
PRODUCT NAME His-XL COLUMN HIGH Density NICKEL / His-XL COLUMN HIGH Density ZINC / His-XL COLUMN HIGH Density COBALT  
His- COLUMN HIGH Density NICKEL / His- COLUMN HIGH Density ZINC / His- COLUMN HIGH Density COBALT

### COMPOSITION- INFORMATION ABOUT INGREDIENTS

GENERAL DESCRIPTION: 8 (or 5) columns packed with 1 ml (5ml) of activated agarose gel containing preservative (20% Ethanol).

CAS: None.

### HAZARDS IDENTIFICATION

No specific information is available regarding the acute toxic effects of this material for humans. This product is not classified according to the EU regulations.

### HEALTH HAZARDS DETAIL

**Eyes:** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

**Skin:** In case of contact, immediately wash skin with soap and copious amounts of water.

If inhaled, move exposed person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

If swallowed, rinse the mouth with water provided that the person is conscious. Do not induce vomiting. Seek medical attention.

Wash contaminated clothing before reuse.

### FIRE FIGHTING MEASURES

Flammability of the product: (Flash points: not available).

#### Extinguishing media

Small Fire: Carbon dioxide, dry chemicals, water spray or foam.

Large fire: Use water spray, fog or foam. Do not use water jet.

#### Special Fire fighting procedures

No additional remarks.

### ACCIDENT RELEASE MEASURES

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and disposal according to local and regional authority requirements. Ventilate area.

### HANDLING AND STORAGE

Handling: Refer to [Exposure Controls & Personal Protections](#)

Storage: Keep container dry. Keep in a cool place (2-8°C).

Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

### EXPOSURE CONTROLS AND PERSONAL PROTECTIONS:

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