



# Innova Biosciences

## Material Safety Data Sheet

### KinaseBind™

#### 1. Identification of the Substance/Preparation and the Company

Substance or preparation trade name: KinaseBind™  
Unique reference numbers(s): #502  
Company identification: Innova Biosciences Ltd.  
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Babraham  
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#### 2. Composition/information on ingredients

Name:	CAS No.	Contents: (in dH <sub>2</sub> O)	Symbol	Risk : (R No.)
ATP, immobilized	-	-	-	-

**Composition comments:** A fine white powder (as slurry in aqueous buffer)

#### 3. Hazards Identification

Physical/chemical hazards: not applicable  
Health hazards: no specific hazards

#### 4. First aid measures

Skin contact: Wash with soap and water for at least 15 minutes. Remove contaminated clothing and shoes. If discomfort or irritation develops, seek medical attention.

Eye contact: Check for and remove contact lenses. Flush eyes thoroughly with running water for at least 15 minutes while lifting eyelids. **Seek medical attention immediately.**

Ingestion: Check for and remove dentures. Clear mouth. **Call doctor or poison control immediately.** Provide chemical label and MSDS information if possible.

Inhalation: Remove from area of exposure. Seek medical attention if patient shows signs of discomfort or respiratory problems. If breathing becomes difficult, oxygen should be administered.

## 5. Fire fighting measures

Material may be flammable at high temperatures. It is recommended that firefighters should wear protective gear and self-contained breathing apparatus to limit personal exposure, and select firefighting media appropriate to the other materials involved in the fire.

## 6. Accidental release measures

Personal precautions: Wear appropriate protective gear; see below under “Exposure control”  
Methods for cleaning: Wipe up spill, place in sealed container and hold for disposal.  
Spill site should be washed with plenty of water.  
Disposal precautions: Dispose of all waste in accordance with local authority regulations.

## 7. Handling and storage

Handling: This product should be handled only by qualified experienced professionals. Wash thoroughly after handling the material.  
Storage: KinaseBind™ resin should be stored at 4°C.  
All components should be stored in tightly closed containers.

## 8. Exposure control and personal protection

Ingredient name	CAS No.	STD	LT EXP. (8hrs)	ST EXP. (15min)
ATP, immobilized	-	n/a	n/a	n/a

Protective equipment: For spill cleanup, suitable protective clothing should be worn; chemical-resistant rubber gloves and boots, and chemical safety goggles.  
Self-contained breathing apparatus or a NIOSH/MSHA approved respirator is recommended.

## 9. Physical and chemical properties

Appearance: White solid (as slurry in colorless liquid)  
pH: n/a  
Melting point: n/a  
Flashpoint: n/a  
Explosive properties: n/a  
Vapor pressure: n/a  
Relative density: n/a  
Solubility: insoluble in water

## 10. Stability and reactivity

This material is stable for up to 12 months if stored as directed.  
Conditions to avoid: Excessive heat  
Materials to avoid: none known

Hazardous decomposition products: none known

## 11. Toxicological information

Toxic dose LD-50: Not known  
Health warnings: No specific warnings noted  
Other health effects: none known

## 12. Ecological information

Environmental hazards – no data available for the product itself.

## 13. Disposal Considerations

Dispose of in accordance with local authority guidelines

## 14. Transport information

### Road/Rail:

Road/Rail transport notes: Product not classified as dangerous goods under any transport regulation

### Sea/Air:

Sea/Air transport notes: Product not classified as dangerous goods under any transport regulation

## 15. Regulatory information

**Risk phrases** Not classified

**Safety phrases** Not classified

**EC Directives** Not classified

**US regulations** Not found

(TSCA, SARA 302/304/311/312, SARA 313, CWA 307, CWA 311, CAA 112)

### Approved Code of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply

**Guidance Notes** Occupational Exposure Limits EH40

Introduction to Local Exhaust Ventilation HSG(37)

CHIP for everyone HSG(108)

## 16. Other Information

Revision date: 5<sup>th</sup> July 2004

Replaces SDS issued: 2<sup>nd</sup> June 2004

*This information is based solely on data provided by suppliers of the materials used and/or recognized technical sources, not on the mixture itself and is believed to be correct as of this date.  
No warranty is expressed or implied regarding the accuracy of the data.*