

# MegaPoly BXS

## Chemical Safety Data Sheet(MSDS)

### 1. Chemical name and manufacturer information

Chemical name	MegaPoly BXS
Company	Bestchrom (Shanghai) Biosciences Ltd.
Address	Room 401, Floor 4, Building 8, No 200 Newton Road, Pudong New Area, Shanghai, China.
Tel	86-573-85578821
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Email	info@bestchrom.com
Compilation basis	GB/T 16483-2008
Effective Date	Jan 1, 2023

### 2. Hazards identification

Classification of dangerous goods	Not a hazardous substance or mixture GHS label elements, including precautionary statements.
Pictogram	No
Signal word	No
Hazard statement (s)	No
Measures	If it is swallowed: get medical aid. In case of skin contact: Wash off with soap and plenty of water. In case of eye contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. For skin irritation: get medical aid.
Storage	For eye irritation: get medical aid. Avoid direct exposure to sun. Stored in ventilated location.

### 3. Composition/Information on Ingredients

<i>Chemical composition</i>	Percentage (%)	CAS No	EC No
MegaPoly BXS	80	/	/
2% Benzyl alcohol	20	100-51-6	202-859-9

### 4. First-aid Measures

Description of first aid measures	
Inhaled	Move person to a place with fresh air. Use oxygen if necessary . get medical aid.
Skin contact	Immediately remove/take off all contaminated clothing. Wash skin/shower with plenty of soap and water.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.
If swallowed	Do not induce vomiting. Give no food or drink to anyone who is

Most important symptoms and effects, both acute and delayed  
 Indication of any immediate medical attention and special treatment needed

unconscious. Rinse mouth with water. Get medical aid.  
 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

No

### 5. Fire Fight Measures

Hazard characteristics  
 Suitable extinguishing media  
 Advice for firefighters

No  
 Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
 Wear self-contained breathing apparatus for fire-fighting if necessary.

### 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures  
 Environmental precautions  
 Methods and materials for containment and cleaning up

Use personal protective equipment. Avoid breathing vapors, mist or gas.  
 Avoid letting product run off into drains.  
 Absorb with dry sand, earth, inert material or vermiculite. Store product in an appropriate and sealed container.

### 7. Handling and Storage

Precautions for safe handling  
 Conditions for safe storage

Operating personnel should be trained to follow the operating rules. Provide appropriate exhaust ventilation.  
 Store in cool place. Keep container tightly sealed in a dry and well-ventilated place.

### 8. Exposure Control / Personal protection

Maximum allowable concentration  
 Monitoring method  
 Engineering control  
 Respiratory protection  
 Eye protection  
 Body protection  
 Hand protection  
 Other protective

Not established.  
 None  
 None  
 Wear masks  
 Wear protective goggles  
 Impervious clothing  
 Wear protective gloves  
 No smoking, eating and drinking in the workshop. Take a shower and change clothes after work.

### 9. Physical and Chemical Properties

Appearance  
 Main ingredients

White slurry  
 MegaPoly BXS is stored in 2% benzyl alcohol

Odor	Little odor
pH	No data available
Melting point (°C)	No data available
Viscosity (20°C) (mPa.S)	No data available
Initial boiling point and boiling range	No data available
Flash Point (close up) (°C)	>94
Density (20 °C,g/ml)	No data available
Vapour pressure (kPa,10°C)	No data available
Vapour density	No data available
Critical temperature (°C)	No data available
Critical pressure (mPa)	No data available
Autoignition temperature (°C)	No data available
Decomposition temperature (°C)	No data available
Heat of combustion (kJ/mol)	No data available
Upper explosive limit% (V/V)	No data available
Lower explosive limit% (V/V)	No data available
Water solubility	Partially insoluble in water

#### 10. Stability and Reactivity

Reactivity	No data available
Chemical stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible Materials	No data available
Hazardous decomposition products	No data available

#### 11. Toxicological Information

Acute toxicity	LD <sub>50</sub> Oral-rat: No data available LD <sub>50</sub> inhalation-rat: No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No component of this product present (at levels greater than or equal to 0.1%) is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	No data available
Specific target organ toxicity (single exposure)	No data available
Specific target organ toxicity (repeated exposure)	No data available
Aspiration hazard	No data available
Potential health effects	No data available

## 12. Ecological Information

Eco-toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available

## 13. Disposal Consideration

Waste nature	Not in the scope of the "State Hazardous Wastes List".
Waste treatment methods	Review corresponding regulations by local environmental protection authority before disposal. Hire a qualified chemical waste treatment company for disposal.

## 14. Transport Information

UN No	None
Packing mark	None
Packing category	None
Packing method	None
Marine pollutant	No
The user's special precautions	Transport vehicles should be equipped with the appropriate fire extinguishing equipment and emergency treatment equipment for leakage.

## 15. Regulatory Information

National law and rule of China:

Chromatography media is uncatalogued in: Inventory of existing chemical substances in China. List of hazardous chemical materials. Occupational exposure limits for hazardous agents in the workplace (Chemical hazardous agents). Frequently used by classification and marking of hazardous chemicals. This SDS conforms to the following standards and regulations: GB 16483-2008, GB 13690-2009, GB 6944-2012, GB/T 15098-2008, GB 18218-2018, GB 15258-2009, GB 190-2009, GB/T 191-2008, GB 12268-2012. Rules of transportation of dangerous goods: China ministry of transportation. Regulations on the control over safety of dangerous chemicals (China), Recommendations on the transport of dangerous goods (UN RTDG).

## 16. Other Information

Compiling department: Bestchrom (Shanghai) Biosciences Ltd.----QA

Modification note: The second revision

Reference: UN TRANSPORT OF DANGEROUS GOODS Model Regulations

UN Globally Harmonized System Of Classification And Labelling Of Chemicals (GHS) etc.

Declaration: This manual is prepared in accordance with the standard requirements of GB/T 16483-2008 "Regulations for preparation of safety technical instruction of chemical products" (equivalent to ISO 11014:2009) in our best knowledge. The data information in clauses 9~12 are the corresponding data of anhydrous ethanol, so it is only for reference. All materials have no known hazards. The consignee of this product must formulate safe operation procedures according to the requirements of the MSDS and the actual situation of the site, while operating with caution. Users should make the independent judgment of

suitability of this information for their particular purposes.

Bestchrom do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.