



Agarose Tablets

Identification of the preparation / Substance and of the company

Preparation Name : Agarose Tablets
Catalog Number : AGT002
Use of the preparation : For laboratory use.
Company identification : BIO-HELIX Co., LTD.
Site : <http://www.bio-helix.com>
E-mail : info@bio-helix.com

Composition / Information on ingredients

Chemical characterization
Description : Mixture of substances listed below with non-hazardous additions.
Dangerous Components : None

Hazards identification

Precautionary Statements :
R 36/37/38 : Irritating to eyes, respiratory system and skin.
Classified as not hazardous according to directive 67/548/EC.

First Aid Measures

After Inhalation : Remove to fresh air. If irritation persists consult a doctor immediately.
After Swallowing : Wash mouth out with water provided the person is conscious. Consult a doctor immediately.
After Contact with Eyes : Immediately flush eyes with copious amounts of water for several minutes.
Consult a doctor immediately.
After Contact with Skin : Immediately wash with soap and copious amounts of water.

Fire-fighting measures

Suitable Extinguishing Media : Water spray, CO₂ or dry chemical powder.
Large fires should be confronted with water spray or alcohol resistant foam.
Unusual Fire Hazard : Emits toxic fumes when on fire
Fire Fighting Protective Measures :
Wear protective clothing to prevent contact with the skin and eyes.

Accidental release measures

Wear self-contained breathing equipment to prevent inhalation of explosive or combustion gasses.
Personal Precautions : Ensure ventilation is adequate. Wear rubber gloves.
Wear dust mask to avoid inhalation of dust.
Environmental Precautions : Do not allow to enter the surface or ground water. Do not allow to enter sewers.
Clean-up Measures : Sweep up, place in a bag and hold for waste disposal.
Avoid raising dust. Ventilate area and wash spill site after cleanup is complete.



Handling and storage

Handling : No special measures are required for safe handling of this product.

Storage : Store at room temperature. Keep tightly closed.

Exposure controls / personal protection

Engineering Measures : None required, see section 7. Ingredients with Limit Values : None

Personal Protection :

Respiratory Protection : None required.

Hand Protection : Gloves should be worn, either rubber or chemical resistant.

Eye Protection : Wearing safety goggles is advised, as is the availability of eye-wash stations.

Skin Protection : Lab coats should be worn during handling. Safety deluge showers should be available.

Hygiene Practices : Avoid contact with skin or eyes. Do not place in mouth.

Do not eat, drink or smoke when handling this product. Upon completion of the use of this product, dispose of protective gloves safely and wash hands thoroughly with soap and water.

Physical and chemical properties

Physical Properties

Appearance : Solid, near-white colour.

Chemical Properties

Melting point/Melting range : Undetermined

Boiling point/Boiling range : Undetermined

Flash Point : Not Applicable

Autoflammability : Product is not self-igniting

Ignition Temperature : Undetermined

Explosive Properties : None

Relative Density : Undetermined

Stability and reactivity

Solubility in Water : 10mg/ml H₂O, hot, clear colourless

Stability

Product is stable under normal handling and storage conditions. Avoid excess heat, flame and pressure.

Thermal decomposition : None if used under ordinary conditions. Reactivity

Dangerous Reactions : Avoid contact with strong oxidising agents, acids and alkali. Hazardous

Decomposition Products : None that are known

Toxicological information

Primary Irritant Effect :

R36/37/38 : Irritating to eyes, respiratory system and skin.

Sensitisation Effects : Via prolonged exposure, a sensitising effect through inhalation is possible.

Via prolonged exposure, a sensitising effect on the skin is possible.

Further Toxicological Information

Material Safety Data Sheet



This product has no known carcinogenic properties.

This product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations, as issued in the latest version.

Ecological information

Environmental Effects

Environmental Fate/Stability : Unknown Effects on Plants or Animals : Unknown Water Hazard

This product is slightly hazardous for water.

Do not allow product to come into contact with surface or ground water, and do not allow it to reach the sewage system.

Disposal considerations

Product Disposal : This product must not be disposed of with household waste or in any other manner that may lead to it entering the sewage system.

13.2 Packaging Disposal : Unclean packaging should be disposed of according to official regulations

Transport information

Special precautions : None known.

Proper shipping name : Not dangerous goods according to transport regulations.

National transport regulations :

No additional national transport regulations are known to the supplier.

IMDG : Non-hazardous for sea freight.

ADR : Non-hazardous for road transport.

RID : Non-hazardous for rail transport.

ICAO/IATA : Non-hazardous for air transport.

Other information : The preparation may be stored in ice during transportation.

Regulatory information

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

None of the chemicals in this product are considered highly hazardous by OSHA.

Other information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Bio-Helix Co., Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.