

**Version 1****Issue Date 01.01.2020****CN/EN****Section 1-Chemical Product and Company Identification****Substance/Chemical Name :** Hydroxypropyl starch**Type:** MH-SE301**Product Description:** White or off-White Powder**End uses:**Construction additives**CAS NO.:** 9049-76-7**Manufacturer :** Huzhou Mizudahope Bioscience Co.,Ltd**Address :** NO.306 Jizhao bei Road, Linghu town, Nanxun District, Huzhou, Zhejiang, China**Tel:**+86-572-2300717**Fax:**+86-572-2300717**Section 2-Hazards Identification**

This product does not contain any chemical substance which would require a warning against hazards adverse to human health and the environment.

**Section 3-Composition/information on ingredients**

Chemical Family      Modified natural polymer

**Section 4-First Aid Measures****Eye Contact :** Rinse with clean water until pain is relieved.If symptom develop,obtain medical attention.**Skin Contact:** Wash skin with plenty of water.**Ingestion:** Rinse mouth and throat thoroughly with water.Drink water.**Inhalation:** Move patient to fresh air.If symptom develop,obtain medical attention.**Section 5-Firefighting measures****Suitable extinguishing Media:** Water,foam and powder are suitable.**Fire Fighting Procedure:** Self-contained breathing apparatus and full protective equipment are recommended for fire fighters.**Hazardous combustion product:** Typical combustion products are carbon dioxide,carbon monoxide.**Section 6-Accidental release measures****Spillage:**Collect leakage into appropriate containers.Prevent discharge to drains.

---

## Section 7-Handling and storage

**Storage condition:** Keep dry and store in well-ventilated area.

**Handling:** Ensure good ventilation/exhaustion at the workplace. Avoid excessively raising dust. All handling equipment must be properly grounded.

---

## Section 8-Exposure controls/personal protection

**Eye protection:** Chemical safety glasses.

**Skin protection:** Not required.

**Hand protection:** Not required.

**Respiratory protection:** NIOSH approved dust mask.

---

## Section 9-Physical and chemical properties

### General Information

<b>Form:</b>	Powder.
<b>Color:</b>	White.
<b>Odor:</b>	Neutral.
<b>Bulk density:</b>	400kg/m <sup>3</sup> .
<b>PH:</b>	Neutral.
<b>Solubility:</b>	Colloidal dispersible in cold water.
<b>Decomposition temperature:</b>	Not applicable.

---

## Section 10-Stability and reactivity properties

**Stability:** Stable.

**Hazardous decomposition products:** Stable under normal temperature and pressure.

---

## Section 11-Toxicological information

**Routes of entry:** Eye contact; Skin contact; Inhalation contact; Ingestion.

This product is considered as being non-toxic. Use of good industrial hygiene practices is recommended.

---

## Section 12-Ecological Information

This product is expected to be readily biodegradable and degradation products are not expected to cause adverse effects upon animals, plants, humans, other organisms or the environment.

---

## Section 13-Disposal considerations

Disposal consideration must be in accordance with the local authority regulation, federal and state.

---

## **Section 14-Transport information**

This product is not classified as dangerous goods according to the international regulation for transport by land,inland waterways,sea and air.Further information:this product can be declared as starch.

---

## **Section 15-Regulation information**

### **US FEDERAL**

**TSCA:**Not listed on the TSCA inventory.It is for research and development use only.

**Health & Safety Reporting List:**None of the chemical are on the Health & Safety Reporting List.

**CERCLA Hazardous Substances and corresponding RQs:**None of the chemicals in this material have an RQ.

**Chemical Test Rules:**None of the chemicals in this product are under a Chemical Test Rules.

**TSCA Significant New Use rule:**None of the chemicals in this material have a SNUR under TSCA.

**SARA Section 302 Extremely Hazardous Substances:**None of the chemicals in this product have a TPQ.

**Section 313:** No chemicals are reportable under Section 313.

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

**California Prop 65 California No Significant Risk Level:**None of the chemicals in this product are listed.

**REACH Regulation List of Substances of very high concern(SVHC):**None of the ingredient is listed.

**Chemical safety assessment:**A Chemical Safety Assessment has not been carried out.

---

## **Section 16-Other information**

.The information contained herein is based on the present state of our knowledge.It characterizes the product with regard to the appropriate safety precautions.It does not represent a guarantee of the properties of the product.

---

Huzhou Mizudahope Bioscience Co.,Ltd

**Address :** NO.306 Jizhao bei Road, Linghu town, Nanxun District, Huzhou, Zhejiang, China

**Tel:**+86-572-2300717

**Fax:**+86-572-2300717