# HN-156T

Material Safety Data Sheet

**Water-based polymer emulsion** / HN-156T / MSDS

## 01 Product and Company Identification

| | |
|---|---|
| **Product Name** | Water-borne polymer emulsion |
| **Trade Name** | HN-156T |
| **Company** | Qingdao Highonour Chemical Tech Co., Ltd. |
| **Address** | No. 3 Haiwan Road, Xinhe Ecological Chemical Industrial Base, Pingdu, Qingdao, Shandong, China |
| **E-mail** | business@highonour.com |

## 02 Composition / Information on Ingredients

| | |
|---|---|
| **Substance Type** | Mixture |
| **Polymer dispersion** | Approx. 45-55% |
| **Water** | Approx. 45-55% |

## 03 Hazards Identification

| | |
|---|---|
| **GHS Classification** | Not classified as highly hazardous under normal handling conditions. |
| **Main Hazards** | May cause mild eye or skin irritation. Avoid release to the environment. |

## 04 First-aid Measures

| | |
|---|---|
| **Skin Contact** | Wash with soap and water. |
| **Eye Contact** | Rinse cautiously with water for at least 15 minutes. |
| **Inhalation** | Move to fresh air. |
| **Ingestion** | Rinse mouth and seek medical advice if discomfort occurs. |

## 05 Fire-fighting Measures

| | |
|---|---|
| **Suitable Extinguishing Media** | Use media suitable for the surrounding fire. |
| **Specific Hazards** | Water-borne product; dried residues may burn. |

## 06 Accidental Release Measures

| | |
|---|---|
| **Personal Precautions** | Avoid contact with skin and eyes. |
| **Clean-up Methods** | Absorb with inert material and collect for disposal. |
| **Environmental Precautions** | Prevent entry into drains and waterways. |

## 07 Handling and Storage

| | |
|---|---|
| **Handling** | Use in a well-ventilated area and avoid prolonged skin contact. |
| **Storage** | Store tightly closed at 5-40°C. Protect from freezing and direct sunlight. |

## 08 Exposure Controls / Personal Protection

| | |
|---|---|
| **Engineering Controls** | Maintain good ventilation. |
| **Eye Protection** | Wear safety glasses. |
| **Hand Protection** | Wear chemical-resistant gloves when needed. |
| **Respiratory Protection** | Normally not required unless mist is generated. |

## 09 Physical and Chemical Properties

| | |
|---|---|
| **Appearance** | Milky liquid. |
| **Odor** | Slight characteristic odor. |
| **pH** | Approx. 6.0-9.0. |
| **Solubility** | Dispersible in water. |

## 10 Stability and Reactivity

| | |
|---|---|
| **Stability** | Stable under normal storage and handling conditions. |
| **Conditions to Avoid** | Freezing, heat and direct sunlight. |
| **Incompatible Materials** | Strong oxidizers, strong acids and strong bases. |

## 11 Toxicological Information

| | |
|---|---|
| **Acute Toxicity** | Expected to be low based on similar water-borne emulsions. |
| **Irritation** | May cause mild eye or skin irritation. |

## 12 Ecological Information

| | |
|---|---|
| **Ecotoxicity** | Avoid uncontrolled release to the environment. |
| **Persistence** | Polymer components are not expected to be readily biodegradable. |

## 13 Disposal Considerations

| | |
|---|---|
| **Disposal Methods** | Dispose according to local regulations. Do not discharge directly into drains. |
| **Container Disposal** | Empty containers may contain residues. |

## 14 Transport Information

| | |
|---|---|
| **Transport Classification** | Usually not regulated as dangerous goods. |
| **Transport Precautions** | Protect from freezing, heat and leakage. |

## 15 Regulatory Information

| | |
|---|---|
| **Regulatory Information** | Handle according to applicable chemical safety and environmental regulations. |

## 16 Other Information

| | |
|---|---|
| **Disclaimer** | The information is provided for safety management reference based on current product information. |
| **Website** | www.hhonour.com |