



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION OF THE

### COMPANY/UNDERTAKING

Product Name: JS-103/BT-301/ BT-302

Application: polycarboxylate superplasticizer Concrete admixture

Company: Shandong High Strength New Materials Technology Co.,LTD

Address: The Taiping Street office 4 kilometres North of the road East,Hedong Area,  
Linyi City,Shandong Province,PRC

Telephone: 86 0539 8392266

## 2. COMPOSITION/INFORMATION

Composition: Solution of Polycarboxylate superplasticizer

This product contains ingredients classified as hazardous. However, they are NOT present in sufficient quantities to warrant classifying the product as hazardous.

## 3. HAZARDS IDENTIFICATION

No Significant hazard.

## 4. FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for several minutes.Obtain medical attention if irritation persists

Skin: Wash thoroughly with soap and water or suitable skin cleanser ASAP.

Inhalation: Remove from exposure-unlikely to occur.

Ingestion: Wash out mouth with water.Do NOT induce vomiting.Obtain medical attention.

## 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: None,not flammable.

Special Exposure Hazards: None.

Special ProductiveEquipment: None.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wearsuitable protective clothing,gloves and eye/face protection.

Environmental Precautions: Prevent entry into drains,sewers and water courses.

Decontamination Procedures: Soak up with inert absorbent or contain and remove by best available means.Gather into containers.Prior consent must be obtained from the local Water Company if discharged to sewer.

## 7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact



Storage: Product from frost.Store away from acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: None assigned.

Engineering Control Measures: No specific ventilation requirement noted

Personal Protective Equipment: Impervious gloves.Goggles.Change contaminated clothing and clean before re-use

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Light yellow
Odour:	Slight/faint
PH(concentrate):	~6
Boiling Point/Range( ):	>100
Flash Point(closed, ):	None
Autoflammability( ):	Not applicable
Explosive Properties(%):	Not applicable
Vapour Pressure(kPa at 20 ):	2.3(water)
Relative Density(at 20 ):	~1.2
Water Solubility:	Soluble

## 10.STABILITY AND REACTIVITY

Stability: Stable

Condition to Avoid: Temperatures below 0

Materials to Avoid: Strong oxidizing agents.Strong acids.Strong alkalis.

Hazardous Decomposition Products: Thermal decomposition-sulphur compounds.

## 11.TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product components.Oral LD50, rat>5000 mg/kg. Health Effects

On eyes: Causes transient irritation.

On skin: Unlikely to irritate on brief or occasional exposure.

By Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.

By Ingestion: Low order of acute toxicity.May cause irritation of mouth,throat and digestive tract.

Chronic: None known.

## 12.ECOLOGICAL INFORMATION

Environmental Assessment: When used and disposed of as intended,no adverse environmental effects are foreseen

Mobility: Mobile liquid.Soluble in water

Persistence and Degradability: Expected to be not readily biodegradable.

Bioaccumulative Potential: Not expected to be bioaccumulative.

Ecotoxicity: Not expected to be ecotoxic to fish/daphnia/algae.

## 13:DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.



# 山东高强新材料科技有限公司

Shandong Gaoqiang New Materials Technology Co., LTD

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Unused Product: Dispose of through an authorized waste contractor to a licensed site.

Used/Contaminated Product: As for Unused product.

Packaging: May be steam cleaned and recycled.

## **14:TRANSPORT INFORMATION**

This product is not classified as dangerous for transport.

## **15:REGULATORY INFORMATION**

Hazard Label Data:

Safety Phrases: Avoid contact with skin and eyes. In case of contact With eyes,rinse immediately with plenty of water and seek medical advice.

EC Directives: Dangerous Substances Directive 67/548/EEC and adaptations. Dangerous Preparations Directive 88/379/EEC. Safety Data Sheets Directive,91/155/EEC.

Statutory Instruments:Chemicals(Hazard Information and Packaging)Regs.1993(SI 1746)  
Control of Substances Hazardous to Health Regs.1988(SI 1657).  
Health & Safety at Work.etc Act 1974.

Cods of Practice: Waste Management.The Duty of Care.

This above publication are available from HMSO.

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