

MATERIAL SAFETY DATA SHEET

Product Name : High Water Reducing Polycarboxylate Superplasticizer

Applicant : KZJ New Materials Group Co., Ltd.

Address : No. 169, Nei'an Middle Road, Torch High-tech Zone
(Xiang'an District), Xiamen, Fujian, China 361101

Signed By Shanghai ICTS Group



Written By : Carmen Chen

Date: 2nd Jan. 2025

SAFETY DATA SHEET

Section 1 – Chemical Product and Company Identification

Product Name: High Water Reducing Polycarboxylate Superplasticizer
Type: Liquid
Items No.: KZJpoint 800
Manufacturer: KZJ New Materials Group Co., Ltd.
Address: No.169, Nei'an Middle Road, Torch High-tech Zone(Xiang'an District), Xiamen, China
Post Code: 361101
Tel.: +86 592-7628326
Fax.: +86 592-7628385
Information in case of emergency
Contact: Mandy Xiao
Tel.: +86 592-7628326
Fax.: +86 592-7628385
Mobile Phone: +86 17706015878
Email: Mandy@xmabr-kzj.com

Section 2 – Hazards Identification

Classification of the Chemicals

Product Definition: Mixture

GHS Classification

This product is not a hazardous substance or mixture.

Classification of the Chemical

Pictogram(s):	Not Applicable
Signal Word:	Not Applicable
Hazard Statements:	Not Applicable
Precautionary Statements	Not Applicable
Supplemental label elements	Not Applicable

Description of any hazard not otherwise classified

Not Information Available.

Report No.: ICTS20250102E/01

Ingredient with unknown acute toxicity.

No Information Available.

Section 3 – Composition/Information on Ingredient

Mixture, consist of the following ingredients.

Chemical Name	CAS No.	EC No.	Content (%)
Water	7732-18-5	231-791-2	40~50%
Polycarboxylate acid	62601-60-9		45~55%
Others			3~5%

Section 4 – First Aid Measures

Skin contact:	Remove any soiled clothing. Wash skin with plenty of water and soap.
Eyes Contact:	Wash open eyes with plenty of water immediately, consult a doctor if needed.
Inhalation:	Remove from exposure to fresh air. In severe cases, or if recovery is not rapid or complete seek medical attention.
Ingestion:	Wash out mouth with water. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.

Section 5 – Fire Fighting Measures

Suitable Extinguishing Media:	Incombustible. Use extinguishing media suitable for surrounding fire condition
Special Hazards arising from the chemicals:	Decomposition products: Carbon monoxide, carbon dioxide, etc.
Special Protective equipments for firefighters:	If necessary, Firefighters should wear fire resistant protective equipment and self-contained breathing apparatus.

Section 6 – Accidental Release Measures

For guidance on selection of personal protective equipment, please see chapter 8 of this material Safety Data Sheet, and see Chapter 13 for information on disposal. Observe the relevant local and international regulations.

Personal precautions, Use suitable personal protection in section 8, Avoid direct contact.

Report No.: ICTS20250102E/01

**Protective Equipment
and emergency procedures:**

With the spillage

Environmental precautions:

Prevent products largely enter drains or waterways

**Methods and materials for
containment and cleaning up:**

Small spillage, Soak up with an absorbent such as clay,
Sand or other suitable material. Wipe contaminated
surface with water and cloth.

Section 7 – Handling and Storage

Handling:

Use Suitable Personal Protection in section 8. Avoid contact with eyes. Avoid repeated or prolonged contact with skin or clothing. Wash thoroughly after handling. Do not exposure to overheat and open flame.

Storage:

Keep container tightly closed in cool place. Keep away from oxidizing agents. Keep away from open flames and high temperatures.

Section 8 – Exposure Controls, Personal Protection

Control Parameters

**Components with workplace
control parameters:**

Contains no substances with occupational exposur limit values

Monitoring Method:

Data not available

Engineering Control:

No special engineering control measure required.

Personal protective equipment:

Respiratory Protection:

Not required

Eyes Protection:

None required under normal usage.
Use equipment for eye protection if liquid splash risk exists

Body Protection:

Normal work suit

Hands Protention:

If necessary, handle with chemical-resistant gloves
(Such as rubber gloves)

Others Protections:

Wash hands with soap and clean water after handling.

Section 9 – Physical and Chemical Properties

Report No.: ICTS20250102E/01

Appearance	Liquid /White or light Yellow Color (long-term storage)
Odor:	Odorless
Odor threshold:	Not Available
pH Value:	6.0±2.0
Melting point/freezing point:	Not Available
Initial boiling point and boiling range	Not Available
Flash point:	Not Available
Evaporation Rate:	Not Available
Flammability:	Incombustible, not applicable.
Upper explosive limit %(V/V):	Not applicable, No explosion hazard.
Lower Explosive limit %(V/V):	Not applicable, No explosion hazard.
Vapor Pressure:	Not available.
Vapor Density:	Not available.
Relative Density(water=1):	1.112g/ml ±0.02
Solubility(ies):	Not Soluble in water.
Partition Coefficient:n-octanol/water:	Not available.
Auto-ignition temperature:	Incombustible, not applicable
Decomposition temperature:	not available.

Section 10 – Stability and Reactivity

Stability:	Stable under normal temperature and pressure.
Distribution of Ban:	Strong oxidant.
Conditions of Avoid:	Keep away from open flames, hot surfaces. Avoid contact with incompatible materials.
Hazardous Decomposition Products:	No Known hazardous decomposition under normal condition.
Hazardous Polymerization:	Will not occur.

Section 11 – Toxicological Information

Acute Toxicity :	Non-toxic
Acute Toxicity :	No Known significant effects or critical hazards.

Report No.: ICTS20250102E/01

Skin corrosion/irritation	No Known significant effects or critical hazards.
Serious eye damage/eye irritation:	No Known significant effects or critical hazards.
Sensitization:	No Known significant effects or critical hazards.
Mutagenicity:	No Known significant effects or critical hazards.
Carcinogenicity:	
IARC	No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive Toxicity:	No Known significant effects or critical hazards.
Potential Health Effects:	
Inhalation:	No Irritation effect.
Ingestion:	Ingestion is unlikely under normal conditions. May be harmful if largely ingested.
Skin contact:	May cause slight skin irritation.
Eye contact:	May cause slight eye irritation.

Section 12 – Ecological Information

Ecotoxicity:	Nontoxic
Biodegradable:	No data available.
Non-biodegradable:	No data available.
Bioconcentration or biological Accumulation:	No data available.
Other harmful effects:	No known significant effects or critical hazards.

Section 13 – Disposal Considerations

Waste information:	Firstly should consider the recovery or recycling as possible Disposal must be made according to local and national regulations.
Disposal notice:	Disposal area must comply with the environment and national safety standard.

Section 14 – Transport Information

UN Number:	Not regulated as dangerous goods.
-------------------	-----------------------------------

Report No.: ICTS20250102E/01

ADR, IMDG, IATA

UN proper shipping name: Not regulated as dangerous goods.
ADR, IMDG, IATA

Transport Hazard Class (es): Not Regulated as dangerous goods
ADR, IMDG, IATA

Packing Group: Not Regulated as dangerous goods
ADR, IMDG, IATA

Environmental hazards: No.

Special Precautions for user: No information available.

Section 15 – Regulatory Information

This Safety Data Sheet (SDS) was prepared according to Regulation(EC) No. 1907/2006 (REACH), ANNEX II, As amended by Regulation (EU) No. 2015/830 and UN GHS (the 7th revised edition).

GHS Safety, health and environmental regulations/legislation specific for the substance or mixture
No Information Available.

Chemical Safety Assessment

For this Product a chemical safety assessment was not carried out.

Section 16 – Additional Information

MSDS Creation Date: 2nd Jan. 2025

This MSDS was prepared sincerely on the basis of the information and samples we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information, but also the laws and regulations of the organization, area and country where the products are to be used. which shall be given the first priority. Products are supposed to be used promptly and within the shelf time after purchase in consideration of safety. Some new information or amendments may be added afterwards. if the products are to be used far behind the expected time of use or you have any questions, please feel free to contac us. The state cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of “ having unknown hazards and toxicity”, which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal.Safe usage conditions shall be set up on each user’s own responsibility.

Photo attachment

High Water Reducing Polycarboxylate Superplasticizer



END OF REPORT