



# Material Safety Data Sheet

This MSDS is authoring based on the data supplied by and identified on behalf of the client.

Company Name: Water Reducer (High Performance Polycarboxylate Superplasticizer)

Client Name: CHINA WEST CONSTRUCTION GROUP NEW MATERIAL TECHNOLOGY CO., LTD

Client Address: 143 Qinglong Avenue, Pengshan District, Meishan City, Sichuan Province, China.

MSDS No.: 42018529

Issue Date: September 8, 2021

Signed for and on behalf of

UG (shenzhen) Co., Ltd

David Chen

Approved signatory



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## 1. Identification of the Substances/Preparation and of the Company/Undertaking

### Product Details

**Product Name:** Water Reducer (High Performance Polycarboxylate Superplasticizer)

**Company:** CHINA WEST CONSTRUCTION GROUP NEW MATERIAL TECHNOLOGY CO., LTD

**Address:** 143 Qinglong Avenue, Pengshan District, Meishan City, Sichuan Province, China.

**Emergency telephone number:** +86-2837661528

## 2. Hazards Identification

### GHS Classification of the substance or mixture

This product is not classified as hazardous according to the GHS (The Globally Harmonized System of Classification and Labelling of Chemicals).

### GHS Label elements

The product does not need to be labelled in accordance with GHS.

**Pictogram(s):** No pictogram.

**Signal word:** No signal word.

**Hazard statements:** No hazard statement.

**Precautionary statements:** No precautionary statement.

**Other hazards:** None known. See section 11 for more health information and effects.

## 3. Composition/Information on Ingredients

### Chemical Characterization

Composition:

Substance	CAS #	Amount%
2-Propenoic acid, 2-methyl-, polymers with ethyl acrylate and polyethylene glycol monomethacrylate C16-18-alkyl ethers	70879-60-6	50%
Water	7732-18-5	50%

## 4. First-Aid Measures

**Eye Contact:** Immediately flush eyes with plenty of water for several minutes, occasionally lifting the upper and lower eyelids. If irritation occurs and persists, contact a doctor.

**Skin Contact:** Remove and isolate contaminated clothing and shoes. Wash off with soap and plenty of

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water. If irritation occurs and persists, contact a doctor.

**Inhalation:** Remove to fresh air. Get medical attention if feel unwell.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Keep respiratory tract clear. Get medical attention.

**Advice to doctor:** Treat symptomatically.

## 5. Fire-Fighting Measures

**Flammability of the Product:** Non combustible.

**Suitable Extinguishing Media:** Use extinguishing media suitable for surrounding area. Such as use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media:** There is no restriction on the type of extinguisher which may be used.

**Special hazards arising from the substance or mixture:** Decomposition products formed under fire conditions. - Carbon oxides etc..

**Advice for firefighters:** Wear self-contained breathing apparatus and standard fire fighting equipment for firefighting if necessary. Standard procedure for chemical fires.

## 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Avoid breathing concentrated vapors. Avoid contact with skin and eyes. For personal protection see section 8.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods and materials for containment and cleaning up:** FOR SMALL SPILLS: Soak up residue with an absorbent such as clay, sand or other suitable material. Place in non-leaking container and seal tightly for proper disposal. FOR LARGE SPILLS: Collect spillage with suitable tools, and then place in container for recycle or disposal according to local regulations (see section 13).

## 7. Handling and Storage

### Handling

#### Advice on Safe Handling:

Avoid inhalation of concentrated vapor or mist. Avoid direct contact.

For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the application area.

Wash thoroughly after handling

Do not exposure to heat and flame.

### Storage

#### Requirements for Storage:

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Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Avoid direct sunlight. Do not store in open or unlabeled containers. Keep away from open flames and high temperatures.

## 8. Exposure Controls/Personal Protection

**Exposure Limits:** Not established.

**Engineering Controls:** Provide adequate ventilation to control airborne concentrations below the exposure guidelines/limits. Provide safe shower and eye wash fountain.

**Personal protective equipment:**

**Respiratory Protection:** None required under normal usage. If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn.

**Eyes Protection:** None required under normal usage. Use equipment for eye protection if liquid in-eye risk exists.

**Body Protection:** General work suit is enough under normal usage. If necessary, wear complete chemical-resistant clothing.

**Hands Protection:** Handle with chemical-resistant gloves.

**Other Protections:** Handle in accordance with good industrial hygiene and safety practice. Wash hands with water after handling.

## 9. Physical and Chemical Properties

General Information	
Form:	Light yellow liquid
Odor:	Odorless
pH:	N/A
Melting Point/Range:	N/A
Boiling Point/Range:	N/A
Percent Volatility:	N/A
Flash Point:	Not combustible.
Density:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Evaporation Rate & Reference:	N/A
Solubility in Water:	Soluble in water.
Explosion Limits in Air - Upper :	N/A
Explosion Limits in Air - Lower:	N/A

## 10. Stability and Reactivity

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**Stability:** Stable under recommended storage condition.

**Hazardous reactions:** None hazardous reactions known.

**Incompatibility (Materials to Avoid):** Strong oxidizing materials.

**Conditions to Avoid:** Overheat, open flame.

**Hazardous Decomposition and/or Combustion Products:** Product does not decompose at ambient temperatures.

## 11. Toxicological Information

**Acute toxicity:** No data available.

**Skin corrosion/irritation:** No known significant effects or harm.

**Serious eye damage/irritation:** No known significant effects or harm.

**Respiratory sensitization:** No sensitizing effects known.

**skin sensitization:** No sensitizing effects known.

**Carcinogenicity:** IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Germ Cell Mutagenicity:** No known significant effects or harm.

**Reproductive Toxicity:** No known significant effects or harm.

**STOT-Single Exposure:** No known significant effects or harm.

**STOT-Repeated Exposure:** No known significant effects or harm.

**Aspiration Hazard:** No known significant effects or harm.

**Potential Health Effects:**

**Inhalation:** May cause respiratory irritation if inhaling concentrated vapor.

**Skin Contact:** May causes skin irritation.

**Eye Contact:** Causes eye irritation if liquid in - eye.

**Ingestion:** May be harmful if ingested.

## 12. Ecological Information

**Ecotoxicity:** No data available.

**Bioaccumulative potential:** No data available.

**Persistence and Degradability:** No data available.

**Results of PBT and vPvB assessment:** PBT: Not applicable. vPvB: Not applicable.

**Other adverse effects:** Do not release to drains and water source.

## 13. Disposal Considerations

**Safe handling and methods of disposal**

Observe all federal, state, and local environmental regulations. Offer surplus and non-recyclable products to a licensed disposal company.

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## 14. Transport Information

### ADR/RID Information

ADR-UN Number: Not classified for transport

ADR-Class: Not classified for transport

ADR-Shipping Name: Not classified for transport

ADRPacking Group: Not classified for transport

### IATA/ICAO Information

IATA-UN Number: Not classified for transport

IATA-Class: Not classified for transport

IATA-Shipping Name: Not classified for transport

IATA-Label: None

IATA-Packing Group: Not classified for transport

IATA-S.P.: None

IATA-ERG: None

### IMO/IMDG Information

IMDG-Marine Pollutant: No

IMDG-UN Number: Not classified for transport

IMDG-Class: Not classified for transport

IMDG-Shipping Name: Not classified for transport

IMDG-Packing group: Not classified for transport

IMDG-Storage Category: Not classified for transport

## 15. Regulatory Information

### International Regulations

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.

## 16. Other Information

### Abbreviations:

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds

pH - Relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline

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OSHA- Occupational Safety and Health Administration

NTP – National Toxicology Program

IARC- International Agency for Research on Cancer

ACGIH – The American Conference of Governmental Industrial Hygienists

ADR –Agreement on Dangerous Goods by Road

RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail

ICAO –International Civil Aviation Organization

IMDG - International Maritime Dangerous Goods

IMO – International Marine Organization

## Further Information:

-This safety data sheet was prepared in accordance with UN GHS Rev.8 and OSHA Hazard Communication Standards (29 CFR 1910.1200).

-This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

-To check the authenticity or retrieve the electronic version of the MSDS, scan QR code on the cover or log on to <http://www.ug-msds.com/retrieval>.

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