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## Material Safety Data Sheet Chemicals

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers Product name: polycarboxylate superplasticizer monomer

Product Numbe:20170817

Brand: DONGKE

CAS-No. : 62601-60-9

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses:Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company: FUSHUN DONGKE FINE CHEMICAL INDUSTRY CO.,LTD

Telephone:+86 024-57759999

Fax:+86 024-57671055

E-mail address:INFO@DONGKEUNITED.COM

1.4 Emergency telephone number

Emergency Phone #:024-57671055

### 2. HAZARDS IDENTIFICATION

2.1 Label elements

The product does not need to be labeled in accordance with EC directives or respective national laws.

2.2 Other hazards - none

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances



Synonyms: Alkenyl Alcohol Type

HPEG

Methyl butyl polyoxyethylene ether

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Consult a physician

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In case of skin contact.

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if swallowed.

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### 4.3 Indication of any immediate medical attention and special treatment needed no data available

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media



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Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, Metal oxides

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections For

disposal see section 13.

7. HANDLING AND STORAGE



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## 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

## 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place

## 7.3 Specific end use(s)

no data available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Components with workplace control parameters

### 8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

#### Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique

(without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.



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The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

## Body Protection

impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

a) Appearance	Form: Flakes Color: white
b) Odor	no data available
c) Odor Threshold	no data available
d) PH	4-7
e) Hydroxyl value mgKOH/g	23.5±3, 2100-2600
f) UnsaturationMMOL/g	≥0.39

9.2 Other safety information no data available

## 10. STABILITY AND REACTIVITY

10.1 Reactivity  
no data available



10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions no

data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

Strong acids, Strong bases, Strong oxidizing agents

10.6 Hazardous decomposition products

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - rat - 39.800 mg/kg

LD50 Dermal - rabbit - > 20.000 mg/kg Skin

Skin corrosion/irritation

Skin - rabbit - Mild skin irritation

Serious eye damage/eye irritation

Eyes - rabbit - Mild eye irritation

Respiratory or skin sensitization



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no data available

Germ cell mutagenicity

no data available

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.

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes Causes eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.



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Additional Information

RTECS: Not available

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

- 96 h Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 10.000 mg/l

### 12.2 Persistence and degradability no

data available

### 12.3 Bioaccumulative potential

no data available

### 12.4 Mobility in soil

no data available

### 12.5 Results of PBT and vPvB assessment

no data available

### 12.6 Other adverse effects

no data available

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.





Contaminated packaging

Dispose of as unused product.

## 14. TRANSPORT INFORMATION

### 14.1 UN number

ADR/RID: -            IMDG: -            IATA: -

### 14.2 UN proper shipping name

ADR/RID:    Not dangerous goods

IMDG:        Not dangerous goods

IATA:        Not dangerous goods

### 14.3 Transport hazard class(es)

ADR/RID: -    IMDG: -            IATA: -

### 14.4 Packaging group

ADR/RID: -    IMDG: -            IATA: -

### 14.5 Environmental hazards

ADR/RID: no            IMDG Marine Pollutant: no            IATA: no

### 14.6 Special precautions for user no

data available

## 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture



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no data available

## 15.2 Chemical Safety Assessment

no data available

## 16. OTHER INFORMATION

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.