



## Material Safety Data Sheet Hondu LH29

### Section 1

#### Chemical Product & Company Information

Emergency Contact: (Spill/Release) 021-64820758

Information Number: (86-21)64823356

Manufactured By: Shanghai Hondu Fine Chemical Co., Ltd

Rm702-703,B Building,No.9120 Humin Rd,Shanghai 200235

Product Name: **Hondu LH29**

### Section 2

#### Composition/Information on Ingredients

INCI: Poloxamer184

### Section 3

#### Hazards Identifications

No particular hazards known.

### Section 4

#### First Aid Measures

General advice: Remove contaminated clothing

If inhaled: Keep patient calm, remove to fresh air

On skin contact: Wash thoroughly with soap and water

On contact with eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open

On ingestion: Rinse mouth and then drink plenty of water.

### Section 5

#### Fire Fighting Measures

Suitable extinguishing media:

water spray, dry extinguishing media, foam

**Specific hazards:**

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

**Further information:**

Contaminated extinguishing water must be disposed of in accordance with official regulations.

**Section 6**

**Accidental Release Measures**

Personal precautions: No special precautions necessary.

**Environmental precautions:**

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

**Methods for cleaning up or taking up:**

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

Additional information: High risk of slipping due to leakage/spillage of product

**Section 7**

**Handling and Storage**

**Handling:** Handle in accordance with good industrial hygiene and safety practice

**Protection against fire and explosion:**

The product does not contribute to the spreading of flames, nor is itself combustible, not explosive.

**Storage:**

Further information on storage conditions: Keep container tightly closed in a cool, well-ventilated place

**Section 8**

**Exposure Controls/Personal Protection**

Components with workplace control parameters



Product contains residual monomers

### Personal protective equipment

Hand protection:

Suitable chemical resistant safety gloves also with prolonged, direct contact

Supplementary note: The specifications are based on own tests, literature data and information of glove manufacturers or are derived from similar substances by analogy,

Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined in accordance .

Eye protection:

Safety glasses with side-shields (frame goggles)

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice

## Section 9

### **Physical and Chemical Properties**

Form: clear and colorless liquid

Odour: product specific

pH value: 5 - 7.5

Freezing point: approx. 16 °C (1.013mbar)

Flash point: > 204 °C (ASTM D92)

Density: 1.05 g/cm<sup>3</sup>(25 °C)

Molar mass: 2820-3250 g/mol

Viscosity, dynamic: 490mpas (25 °C)

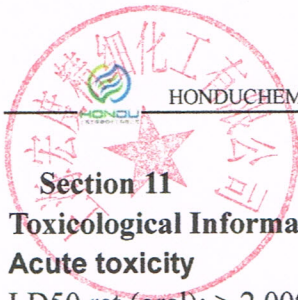
## Section 10

### **Stability and Reactivity**

**Incompatibilities:** None

**Conditions to avoid:** Not applicable

**Stability:** This material is stable under normal storage and handling conditions.



## Section 11

### Toxicological Information

#### Acute toxicity

LD50 rat (oral): > 2,000 mg/kg

#### Irritation

Primary skin irritation rabbit: non-irritant (Draize test)

Primary irritations of the mucous membrane rabbit: non-irritant (Draize test)

## Section 12

### Ecological Information

#### Ecotoxicity

Toxicity to fish:

LC50, 96 h, > 100 mg/l, *Leuciscus idus*

Aquatic invertebrates:

EC50, 48 h, > 100 mg/l

Aquatic plants:

EC50, 72 h, > 100 mg/l

Microorganisms/Effect on activated sludge:

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

#### Persistence and degradability

Assessment biodegradation and elimination (H<sub>2</sub>O):

partially eliminated in sewage treatment plants

#### Additional information

Other ecotoxicological advice:

The product has not been tested. The statement has been derived from products of a similar structure and composition.

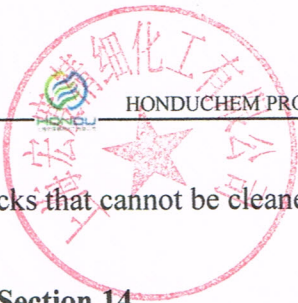
## Section 13

### Disposal Considerations

Must be dumped or incinerated in accordance with local regulations.

Contaminated packaging:

Uncontaminated packaging can be re-used.



Packs that cannot be cleaned should be disposed of in the same manner as the contents

**Section 14**

**Transport Information**

DOT Classifications: Non Hazardous

**Section 15**

**Regulatory Information**

None Required

**Section 16**

**Other Information**

None Required