



CNAS IB0071



NO.2614110029

# SAFETY DATA SHEET

**Product Name:** ANIONIC POLYACRYLAMIDE

**Revision Date:** 2014-12-12

**Compiler:** Liu Linlin

**Checker:** Fengshuo

**Approver:** Zhangxiangjin



Shanghai Research Institute of Chemical Industry Testing Centre

# 声 明

## Statement

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The test report is invalid if it is not affixed the official seal of the laboratory to it.

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6. 送样委托检验结果，仅对所送样品有效。

The conclusion of the consignment test is only valid for the provided sample.

7. 本检验报告以中文为准，英文文本（如有）仅为译文，两者发生冲突时，应以中文文本为准。

The test report has been drafted in Chinese and translated into English (if exist) for convenience only. In the event of discrepancy, the Chines version shall prevail.

8. 除另有说明，检测检验类别都是指委托分析。

Unless noted otherwise, the test type is consignment test.

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# ANHUI TIANRUN CHEMICALS CO., LTD.

## SAFETY DATA SHEET

### ANIONIC POLYACRYLAMIDE

#### SECTION1 PRODUCT AND COMPANY IDENTIFICATION

**Product name:** ANIONIC POLYACRYLAMIDE  
**Company:** ANHUI TIANRUN CHEMICALS CO., LTD.  
**Address:** No.71, Jianghuai Road, Bengbu City, Anhui Province, 233010, P.R.China  
**Email:** jessica@tianrun.com.cn  
**Fax:** +86-552-4926677  
**Emergency Phone:** +86-552-3951218  
**SDS Number:** 2614110029  
**SDS Date:** 2014-12-12

#### SECTION2 HAZARDS IDENTIFICATION

**Hazards Identification:**

Classification according to GHS

Serious Eye Damage/Eye Irritation (Category 2A)

The hazards not mentioned are not applicable or no data available.

**Emergency Overview:**

Causes serious eye irritation.

#### SECTION3 INFORMATION ON INGREDIENTS

**Product name:** ANIONIC POLYACRYLAMIDE

Ingredient	Concentration	CAS No.	EC No.
Polyacrylamide	40%	9003-05-8	/
Oil	30%	8012-95-1	232-384-2
Water	30%	7732-18-5	231-791-2

#### SECTION4 FIRST-AID MEASURES

**Skin Exposure:**

In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.



**Eye Exposure:**

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Inhalation Exposure:**

If inhaled, remove to fresh air. If breathing is difficult, give oxygen.

**Oral Exposure:**

If victim is conscious, wash out mouth with water. Get medical aid immediately.

**SECTION5 FIRE FIGHTING MEASURES****Extinguishing Media:**

Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

**Firefighting:**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**SECTION6 ACCIDENTAL RELEASE MEASURES****Procedure of Personal Precaution:**

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.

**Methods for Cleaning up:**

Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Avoid inhalation. Ventilate area and wash spill site after material pickup is complete.

**Environmental precautions:**

Do not let product enter drains.

**SECTION7 HANDLING AND STORAGE****Handling:**

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Prevent generation of vapor or mist. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents. No smoking at working site.

**Storage:**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidizing agents.

**SECTION8 EXPOSURE CONTROL/PPE****Engineering Controls:**

Safety shower and eye bath. Mechanical exhaust required.

**Personal Protective Equipment:**

Respiratory: Government approved respirator if needed.

Eye: Chemical safety goggles.

Clothing: Wear appropriate protective clothing.

Hand: Safety gloves.

**Other Protect:**

No smoking, drinking and eating at working site. Wash thoroughly after handling.

**SECTION9 PHYSICAL/CHEMICAL PROPERTIES**

**Appearance:** White viscous liquid  
**Odor:** Weak odor  
**Flash Point (Closed Cup)/°C:** >96.0°C  
**pH Value:** Not applicable  
**Solubility:** Miscible in water  
**Density/Relative Density:**  $1.064 \times 10^3 \text{ kg/m}^3$  (20.0°C ± 0.1°C)

**SECTION10 STABILITY AND REACTIVITY**

**Stability:**  
Stable under normal temperatures and pressures.  
**Materials to Avoid:**  
Strong oxidizing agents.  
**Hazardous Polymerization:**  
Will not occur.  
**Hazardous Decomposition Products:**  
Carbon oxides, Nitrogen oxides (NO<sub>x</sub>).

**SECTION11 TOXICOLOGICAL INFORMATION**

**Acute toxicity:**  
Polyacrylamide: Rat Oral LD<sub>50</sub>: >1000 mg/kg  
Oil: Rat Oral LD<sub>50</sub>: >24000 mg/kg  
**Skin corrosion/irritation:**  
No data available.  
**Serious eye damage/irritation:**  
Causes serious eye irritation.

**SECTION12 ECOLOGICAL INFORMATION**

**Toxicity:**  
Oil: Toxicity to fish LC<sub>50</sub> - Oncorhynchus mykiss (rainbow trout) - > 100 mg/l - 96 h  
**Persistence and degradability:**  
No data available.  
**Bioaccumulative potential:**  
No data available.  
**Mobility in soil:**  
No data available.

**SECTION13 DISPOSAL CONSIDERATION**

**Appropriate Method of Disposal of Substance:**  
Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

**SECTION14 TRANSPORT INFORMATION**

**RID/ADR:** This substance is considered to be non-hazardous for transport.

**IATA:** This substance is considered to be non-hazardous for air transport.  
**IMO:** This substance is considered to be non-hazardous for sea transport.

**SECTION15 REGULATORY INFORMATION**

**Regulation (EC) No 1272/2008 and the amendments:**  
Serious Eye Damage/Eye Irritation (Category 2)

**SECTION16 OTHER INFORMATION**

**Date:**  
2014-12-12

**Department:**  
Shanghai Research Institute of Chemical Industry Testing Centre  
Tel (Fax) :8621-52815377/52800971/52807275/52811034/52569800

**Revision:**  
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**Other Information:**

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