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SAFETY DATA SHEET

Product Name: Polyacrylamide

Effective Date: 2020-02-04

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Approver: Fanbin



Shanghai Research Institute of Chemical Industry Testing Co., Ltd.



Shandong Nuor Biological Technology Co.,Ltd

SAFETY DATA SHEET

Polyacrylamide**SECTION1 PRODUCT AND COMPANY IDENTIFICATION**

Product name: Polyacrylamide
Company: Shandong Nuor Biological Technology Co.,Ltd
Address: East of Gangxi 6th Road and South of Haigang Road, Economic Development Zone, Dongying Port, Shandong Province, 257237, P. R. China
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Fax: 86-546-6283066
Emergency Phone: 86-546-8879597
SDS Number: 2620010131
Effective Date: 2020-02-04

SECTION2 HAZARDS IDENTIFICATION**GHS Classification:**

Physical Hazards:
Not Classified

Health Hazards:
Not Classified

Environmental Hazards:
Not Classified

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

GHS Labelling:

Pictogram:
None

Signal Word:
No Signal Word

Hazard Statements:
None

Prevention Precautionary Statements:
None

Response Precautionary Statements:

None

Storage Precautionary Statements:

None

Disposal Precautionary Statements:

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazards:

No data available.

SECTION3 INFORMATION ON INGREDIENTS**Product name:** Polyacrylamide

Ingredient	Concentration	CAS No.	EC No.
Polyacrylamide	≥88%	9003-05-8	618-350-3
Water	≤12%	7732-18-5	231-791-2

SECTION4 FIRST-AID MEASURES**Skin Exposure:**

In case of skin contact, flush with 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 immediately. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Oral Exposure:

If feel any unwell after ingestion, wash mouth out with water. Call a physician.

Most important symptoms and effects, both acute and delayed:

No data available.

Indication of any immediate medical attention and special treatment needed:

No data available.

SECTION5 FIRE FIGHTING MEASURES**Extinguishing Media:**

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

Special hazards arising from the substance or mixture:

May decompose upon combustion or in high temperatures to generate Carbon oxides, Nitrogen oxides.

Advice for firefighters:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

SECTION6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Remove all sources of ignition. Avoid breathing dust. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to noninvolved personnel should be controlled around the leakage area by roping off.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Avoid entering drains.

Methods and materials for containment and cleaning up:

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION7 HANDLING AND STORAGE

Precautions for safe handling:

Wear appropriate protective clothing and chemical safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Prevent generation of dust. Handling is performed in a well ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents. Wash hands and face thoroughly after handling. No smoking at working site.

Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, and flame. Keep away from sources of ignition. Incompatibilities: Strong oxidizing agents. Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

SECTION8 EXPOSURE CONTROL/PPE

Control parameters:

Not set up.

Appropriate engineering controls:

Mechanical exhaust required. Safety shower and eye bath.

Personal Protective Equipment:

Respiratory: Wear government approved respirator.
 Eye: Wear chemical safety glasses.
 Clothing: Wear appropriate protective clothing.
 Hand: Wear compatible protective gloves.

Other Protect:

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

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: White granule
Odor: Weak odor
Odor Threshold: No data available
pH Value: 5-6 (Suspension)
Solubility(ies): Partial soluble in water
Melting Point/ >350°C decomposition
Freezing Point:
Boiling Point, Not applicable
Initial Boiling
Point and Boiling
Range:

Flash Point Not applicable
 (Closed Cup):
 Density/Relative No data available
 Density:
 Viscosity: Not applicable
 Upper/Lower No data available
 Flammability or
 Explosive Limits:
 Vapor Pressure: No data available
 Vapor Density: No data available
 n-Octanol/Water No data available
 Partition
 Coefficient:
 Autoignition No data available
 Temperature:
 Decomposition No data available
 Temperature:
 Evaporation Rate: Not applicable

Flammability The substance is not classified in Division 4.1 Flammable Solids.
 (Solid, Gas):

SECTION10 STABILITY AND REACTIVITY

Reactivity:

No data available.

Chemical stability:

Stable under normal temperatures and pressures.

Possibility of hazardous reactions:

No data available.

Conditions to avoid:

No data available.

Incompatible materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Carbon oxides, Nitrogen oxides.

SECTION11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

Polyacrylamide:Rat Oral LD₅₀:>1000 mg/kg

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

No data available.

Respiratory sensitization:

No data available.

Skin sensitization:

No data available.

Germ cell mutagenicity:

No data available.

Carcinogenicity:

No data available.

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.

SECTION12 ECOLOGICAL INFORMATION

Ecotoxicity:

No data available.

Persistence and degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in soil:

No data available.

Other adverse effects:

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: The substance is not subject to RID/ADR.

IATA DGR: The substance is not subject to IATA DGR.

IMO IMDG Code: The substance is not subject to IMO IMDG Code.

SECTION15 REGULATORY INFORMATION

Regulation (EC) No. 1272/2008 and the amendments:

Physical Hazards :Not Classified

Health Hazards :Not Classified

Environmental Hazards :Not Classified

SECTION16 OTHER INFORMATION

Date:

2020-02-04

Department:

Shanghai Research Institute of Chemical Industry Testing Co., Ltd.
Tel (Fax) :+86-21-52815377/31765555

Revision:

0

Reference Standard:

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 8th revised edition

Other 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. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.

