



Polyacrylamide UTS

Important: Read this MSDS before transporting, handling, storing and disposing of these products and pass this information to the employees, clients and users of these products.

SECTION 1. IDENTIFICATION OF PRODUCT AND OF MANUFACTURER/SUPPLIER

1.1 Trade name	Polyacrylamide UTS grades: UTS C15P, UTS C02P, UTS C01P, UTS A36C, UTS A15C, UTS A29C, UTS A17C, UTS A09C, UTS A02C, UTS A02W, UTS A102W, UTS CL02W, UTS CL03W, UTS CH04W, UTS CL05W, UTS CH06W, UTS CH07W, UTS CL08W, UTS A31C, UTS A36C, UTS A36C+ UTS A11C, UTS C61C, UTS C71C, UTS C81C, UTS A22C, UTS A77C, UTS C16P, UTS N2489, UTS N2490, UTS N2491, UTS N2492, UTS N2493, UTS N2494, UTS N2495, UTS N2496, UTS N2497, UTS N2498, UTS A611Z, UTS N2500, UTS A611P, UTS C50P, UTS C60P, UTS C50P, UTS C40P, UTS C17P
1.2 Synonyms	Polyacrylamide
1.3 Identified uses	Used in industry Polyacrylamide UTS, grades: UTS A02W, UTS A102W, UTS CL02W, UTS CL03W, UTS CH04W, UTS CL05W, UTS CH06W, UTS CH07W, UTS CL08W (acrylamide \leq 0.025%) is used in drinking water supply
1.4 Производитель	UTS (Shanghai) Industrial Co., Ltd. 1129, Building 1, Aona Road 55, China (Shanghai) Free Trade Experimental Zone, China
Telephone	+86 21 62076507 +86 21 62076507*813 (fax)
Person, responsible for issuance of SDS	sherry.wang@utschn.com
SDS №	20220420
1.5 Emergency phone number	+86 21 62076507 24 hours

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

According to GHS

Physical hazards:	Not classified
Health hazards:	Not classified
Environmental hazards:	Not classified
Emergencies overview:	According to our current knowledge, the product is not hazardous for the environment.

Label elements:

According to GHS

Not required

Signal word

Not required



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2.2 Other hazards

The substance/mixture can contain residual acrylamide, considered carcinogenic, in concentrations not exceeding 0.1%. The material may be slippery, when in contact with moisture.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Substance name	Concentration	CAS #	EC No.
Polyacrylamide	≥88 %	9003-05-08	/
Water	≤12%	7732-18-5	231-791-2

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

General measures	Remove the contaminated clothes.
Inhalation	Ensure access to fresh air. In all cases of doubt, if symptoms persist, call the doctor.
Skin contact	Wash the skin with water/take a shower. In all cases of doubt, if symptoms persist, call the doctor.
Eye contact	Wash carefully with water during several minutes. In all cases of doubt, if symptoms persist, call the doctor.
Ingestion	Rinse the mouth. If you feel unwell, call the doctor.

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

No known symptoms or effects.

4.3 Indication of any immediate medical attention and special treatment needed

Not available

SECTION 5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Water jet, dry chemicals, carbon dioxide or foam.
Unsuitable extinguishing media	Not determined

5.2 Special hazards arising from the substance or mixture

	Flammable
Hazardous combustion products	Combustion can produce: ammonia (NH ₃), nitrogen oxides (NO _x), carbon oxide (CO), carbon dioxide (CO ₂)

5.3 Advice for firefighters

While extinguishing the fire, stay at a substantial distance, observe the standard safety measures. Wear self-contained breathing equipment.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid breathing the dust. Avoid skin and eye contact. Avoid contact with clothes.
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6.2 Environmental precautions

Environmental precautions Prevent releases in soil and in sewers.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Remove mechanically. Put in appropriate containers for utilization.

6.4 Reference to other sections

For hazardous combustion products see Section 5. Опасные продукты горения: смотреть в разделе 5. For personal protective equipment see Section 8. For incompatible materials see Section 10. For disposal considerations see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling Avoid dust formation. Avoid dust breathing.
Hygienic measures Remove all the contaminated clothes in shower. Wash all the contaminated clothes before reuse. Avoid contact with eyes. Wash hands before breaks and after the end of work.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to storage facilities and to containers Keep tightly closed. Keep in a dry place. Follow the guidance for combined storage.
Further storage information Store away from ignition, heat and fire sources. Keep away from incompatible materials – strong oxidisers. The material absorbs moisture.
Advice for normal storage Recommended storage temperature: - 50°C ... +40°C

7.3 Specific end use(s)

No information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No information available

8.2 Exposure controls

Protection of eyes/face Wear safety glasses with side shields.
Protection of hands Use appropriate protection gloves.
Protection of skin Wear appropriate protection clothes.
Respiratory protection The respiratory protection is required in the cases of: dust formation. Use anti-powder filter.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties



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Appearance	White granular substance
Odour	Faint odour
Colour	White, yellow
Melting point	>300°C decomposition
Solubility in water	When react with water, curing phenomenon occurs

9.2 Further information

No further information

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity	No information available
10.2 Chemical stability	Stable
10.3 Possibility of hazardous reactions	No information available
10.4 Conditions to avoid	Contact with strong oxidisers. Wet environment.
10.5 Incompatible materials	No information available
10.6 Hazardous decomposition products	See Section 5

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Acute toxicity	Oral LD50: Estimated > 5000 mg/kg (rats)
11.2 Skin corrosion/irritation	Not classified
11.3 Serious corrosion/irritation of eyes	Not classified
11.4 Respiratory or skin sensitisation	Not classified
11.5 Specific target organ toxicity, single exposure	Not classified
11.6 Specific target organ toxicity, repeated exposure	Not classified
11.7 Further information	No further information

SECTION 12 ECOLOGICAL INFORMATION

12.1 Aquatic toxicity (acute)	96hr LC 50(fish) >1000mg/l
12.2 Degradability	No information available
12.3 Bioaccumulative potential	No information available
12.4 Mobility in soil	No information available
12.5 Results of PBT and vPvB assessment	No information available
12.6 Other adverse effects	No information available

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product	Dispose the product through a licensed professional waste disposal service. Dissolve or mix the product with a flammable solvent and burn it in a chemical incinerator, equipped with an afterburn chamber and a scrubber.
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Contaminated package The empty package should be sent to an approved wastes treatment site for re-use or disposal.

SECTION 14 TRANSPORT INFORMATION

14.1 UN number	
ADR	Not classified
RID	
IMDG	
IATA	
14.2 Proper shipping name	Not classified
14.3 Transport hazard class(es)	Not classified
14.4 Packing group	Not classified
14.5 Environmental hazards	Not classified
14.6 Special precautions for user	No further information

SECTION 15 REGULATORY INFORMATION

Regulation EC (EC № 1272/2008) and amendments on classification, labelling and packaging of substances and mixtures.

SECTION 16 OTHER INFORMATION

This Safety Data Sheet is provided independently of the product's sales. Although all the necessary efforts have been made to provide for an accurate description of the product, a part of the data was obtained from sources outside of our direct control. We are unable to assess the reliability and completeness of this data. Therefore, the user can use it only at his own risk. We did not make any effort aiming to conceal any hazardous properties of the product. Since we cannot control or foresee the conditions, under which the product may be used, we do not guarantee, that the proposed precautions will be suitable for all the situation and/or individuals. It is the responsibility of each particular user to ensure the observation of all the applicable laws related to usage and disposal of the product. Further information can be provided to users on request. However, we provide no guarantees, explicit or implied, and we take no obligations regarding the product or regarding the data, provided hereinabove.