



Material Safety Data Sheet (MSDS)

Sample Name: Super Absorbent Polymer

Client Name: Yiwu Jiemu Commodity Co., Ltd.

Client Address: Building No.25,Liuxia 3 District,Chengxi Street ,Yiwu Zhejiang China

WRITTEN BY

Zoey Zhang

Zoey Zhang

REVIEWED BY

Kira Fu

Kira Fu

Soar Testing Certification
(GuangDong) Co., Ltd.

APPROVED BY

Frank Wu

Frank Wu

Approved signatory



Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: <http://www.soartestlab.com>



Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Sample Name: Super Absorbent Polymer

Client Name: Yiwu Jiemu Commodity Co., Ltd.

Client Address: Building No.25,Liuxia 3 District,Chengxi Street ,Yiwu Zhejiang China

Contact person: Mr.Li

Phone: 13516985500

Section 2 - Hazards Identification

Emergency overview: White powder, insoluble in water.

Classification according to GHS

Not a dangerous substance according to GHS.

Label elements

Hazard pictogram(s):No available

Signal word:No available

Hazard statement(s):

Precautionary statement(s):No available

Response: No available

Prevention: No available

Storage: No available

Disposal: No available

Other hazards

Physical and chemical hazards: See Section 10

Human health hazards: See Section 11

Environmental hazards: See Section 12

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.

Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China

E-mail: service@soar-cert.com

Website: <http://www.soartestlab.com>



Section 3 –Composition/Information on Ingredient

Substance Admixture

Composition:

Chemical Name	CAS No.	Composition (in% by weight)	EC No. / EC index / EINECS
Sodium polyacrylate	9003-04-7	94-97	692-137-3
Water	7732-18-5	3-6	231-791-2

Section 4 - First Aid Measures

Description of first aid measures

General information Normal use does not require special measures ,industrial production in the long term ,refer to the following:

After eye contact: Flush eyes with water.

After skin contact: Wash with water and soap.

After inhalation: Remove victim to fresh area.

After swallowing: Do not induce vomiting. Get medical attention.

Personal protective equipment for first-aid responders: No data available.

Most important symptoms/effects,acute and delayed: No data available.

Indication of immediate medical attention and special treatment needed: No data available.

Section 5 - Fire Fighting Measures

Suitable extinguishing media: Use extinguishing agent suitable for local conditions and the surrounding environment. Such as dry powder, CO₂

Unsuitable extinguishing media: No data available.

Specific Hazards arising from the chemical: No data available.

Specific protective actions for fire-fighters:

Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: http://www.soartestlab.com



Section 6 –Accidental Release Measures

Normal use does not require special measures, industrial production in the long term, refer to the following:

Personal precautions:Wear protective equipment.Keep unprotected persons away.Ensure adequate ventilation

Protective equipment:No data available.

Emergency procedures:Remove ignition sources,evacuate area.Sweep up using a method that does not generate dust.Collect as much of the spilled material as possible,placed the spilled material into a suitable disposal container.Keep spilled material out of sewers,ditches and bodies of water.

Environmental precautions:Do not allow material to be released to the environment without proper governmental permits.

Methods and materials for containment and cleaning up:

For all waste handing must refer to United Nations,National and Local Regulations for disposal See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7 - Handling and Storage

Normal use does not require special measures, industrial production in the long term, refer to the following:

Precautions for safe handling:Storage in a cold,dry,well ventilated environment.Store away from food and water supplies.Wash your hands thoroughly before eating and drinking.Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container.

Conditions for safe storage,including any incompatibilities:Store in a cool,dry,well-ventilated place.Keep away from heat,avoiding the long time of sunlight Keep container tightly sealed.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: <http://www.soartestlab.com>

**Section 8 - Exposure Controls, Personal Protection****Control parameters**

CAS No.	ACGIH	NIOSH	OSHA
9003-04-7	N/A	N/A	N/A
7732-18-5	N/A	N/A	N/A

Engineering control:

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Remove all soiled and contaminated clothing immediately.

Wash hands before breaks and at the end of work.

Personal Protective Equipment

Respiratory protection: Wear suitable protective mask in order to reduce the respiratory system. A large number of leakages, wear chemical protective clothing, including self-contained breathing apparatus.

Hand Protection: Wear appropriate protective gloves to reduce skin contact.

Eyes Protection: Wear safety goggles or eye protection combined with respiratory protection.

Skin and Body Protection: Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: <http://www.soartestlab.com>



Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties

Color: White.

Physical State: Powder.

Odour: Not available.

pH: Not available.

Melting point/freezing point: Not available.

Boiling point or initial boiling point and boiling range: Not available.

Flash Point:: Not available.

Flammability: Non-flammable.

Solubility: Insoluble in water

Lower and upper explosion limit/flammability limit:Not available.

Auto-ignition temperature:Not available.

Decomposition temperature:Not available.

Kinematic viscosity:Not available.

Partition coefficient:n-octanol/water (log value):Not available.

Vapour pressure:Not available.

Density and/or relative density:Not available.

Relative vapour density:Not available.

Particle characteristics:Not available.

Section 10 - Stability and Reactivity

Chemical Stability:Stable.

Possibility of hazardous reaction: No data available.

Conditions to Avoid :Incompatible materials.

Incompatible materials: No data available.

Hazardous Decomposition Products: Carbon oxide.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com
Website: <http://www.soartestlab.com>



Section 11 - Toxicological Information

Acute Toxicity:

CAS No.	LC50/LD50
9003-04-7	No data available.
7732-18-5	No data available.

Skin corrosion/irritation:No data available.

Serious eye damage/irritation:No data available.

Respiratory or 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.

Information on the likely routes of exposure:No data available.

Eye:No data available.

Skin:No data available.

Ingestion:No data available.

Inhalation:No data available.

Section 12 - Ecological Information

Ecological Toxicity: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.

Section 13 - Disposal Considerations

Disposal methods:

Recommendation:Consult state,local or national regulations to ensure proper disposal.

Uncleaned packaging

Recommendation:Disposal must be made according to official regulations.

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: <http://www.soartestlab.com>

**Section 14 - Transport Information**

UN or ID Number	
IATA, IMDG, Model Regulation	N/A
Proper Shipping Name/Description	
IATA, IMDG, Model Regulation	N/A
Class or Div.(Sub Hazard)	
IATA, IMDG, Model Regulation	Not Subjected for transport of dangerous goods
Packing Group	
IATA, IMDG, Model Regulation	N/A
HazardLabel	
IATA, IMDG, Model Regulation	N/A
Environmental hazards Marine pollutant:	No
IMDG EmS:	---
Special precautions for user	No information available.

Packaging Method: No specific data.

Transport fashion: By air,by sea,by railway,by road.

Transport Attentions:Examine whether the package of the containers are integrate or not before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer and acids. The transport vehicle and ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources. When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and fire source.

Section 15 - Regulatory Information

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

CAS No.	TSCA	IECSC	DSL/NDSL	EINECS/ELINCS/NLP
9003-04-7	Listed	Listed	Listed DSL	Listed
7732-18-5	Listed	Listed	Listed DSI	Listed

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: http://www.soartestlab.com



Section 16 - Additional Information

Issue Date:2024-08-29

Issue Department:Technical department

Modification record:

Notice to reader

To the best of our knowledge,the information contained herein is accurate.However,neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user.All materials may present unknown hazards and should be used with caution.Although certain hazards are described herein,we cannot guarantee that these are the only hazards that exist.

Other Information:

CAS:(Chemical Abstracts Service);

EC:(European Commission);

ACGIH:(American Conference of Governmental Industrial Hygienists);

NIOSH:(US National Institute for Occupational Safety and Health);

OSHA:(US Occupational Safety and Health);

TLV:(Threshold Limit Value)

TWA:(TimeWeighted Average);

STEL:(Short Term Exposure Limit);

PEL:(Permissible Exposure Level);

REL:(Recommended Exposure Limit);

PC-STEL:(Permissible concentration-short time exposure limit);

PC-TWA:(Permissible concentration-time weighted average);

IARC:(International Agency for Research on Cancer);

LC50:(Lethal concentration,50 percent kill);

LD50:(Lethal dose,50 percent kill);

EC50:(Median effective concentration);

BCF:(Bioconcentration Factor);

BOD:(Biochemical oxygen demand);

IECSC:(Inventory of Existing Chemical Substances in China);

NOEC:(No observed effect concentration);

NTP:(US National Toxicology Program);

RTECS:(Registry of Toxic Effects of Chemical Substances);

TOC:(Total Organic Carbon);

TSCA:(Toxic Substances Control Act of USA);

DSL:(the Domestic Substances List of Canada);

NDSL:(the Non-domestic Substances List of Canada);

IATA:(International Air Transport Association);

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: <http://www.soartestlab.com>



IMDG:(International Maritime Dangerous Goods);

TDG:(Recommendationson the TRANSPORT OF DANGEROUS GOODS Model Regulations);

Remark: The evaluation report is based on official website data and customer supply information, only for customer research, teaching, internal quality control, product development and other purposes, for reference only.

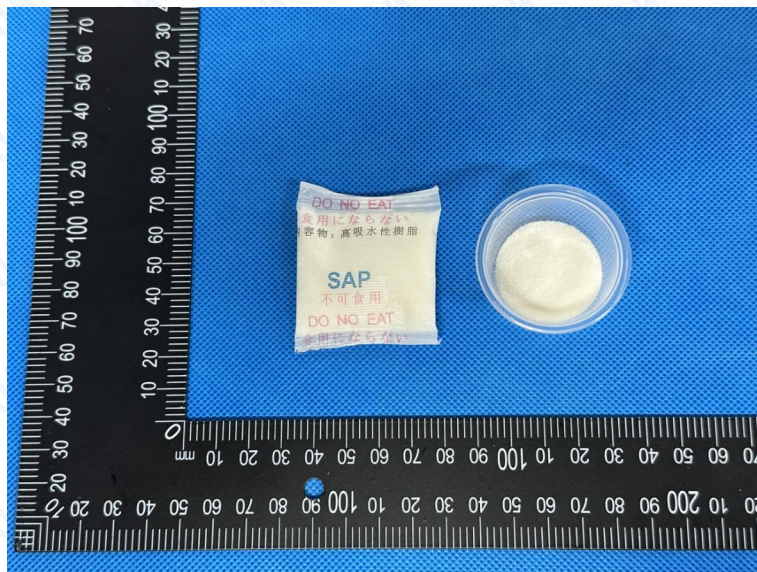
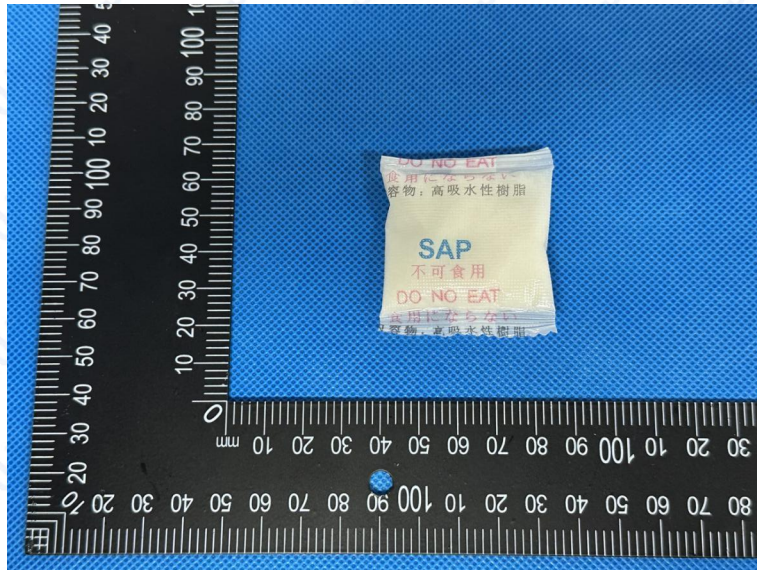
Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com
Website: <http://www.soartestlab.com>

Photo of the Sample:



The photo is for use with SOAR original report only.

*** End of Report ***

Note: This Test report shall be invalid if it is not stamped with the special seal for testing. Only responsible for the tested samples, invalid if rewritten, added and deleted. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. Any demurral to the content of test report, please propose in 15 days.

Lab name: Soar Testing Certification (GuangDong) Co., Ltd.
Post Code: 523945

Tel: (86-769) 38937518

Address: Room 1093, No.12, East of Houjie Avenue, Houjie, Dongguan, Guangdong, China
E-mail: service@soar-cert.com

Website: <http://www.soartestlab.com>