

Water-sorb Hydro Pam Polyacrylamide  
SAFETY DATA SHEET (SDS-US)

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1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

ChemicalName : Polyacrylate Crosslinked CAS-No. : 31212-13-2

1.2. Recommended use of the chemical and restrictions on use

Recommended use : Industrial Use

Non-recommended : None known. use(s)

1.3. Details of the supplier of the safety data sheet

Company

Telephone Telefax E-mail

: Water-sorb

227 S Church Ave Fayetteville, AR USA

: (479)871-1749

: (630) 604-1966

: ask@watersorb.com

1.4. Emergency telephone number

Emergency : Non-Emergency Phone Number : (888) 369-8704 information

24 HOUR EMERGENCY TELEPHONE NUMBERS: CHEMTREC - US & CANADA toll free:

+1-800-424-9300 CHEMTREC - MEXICO toll free: 01-800-681-9531

CHEMTREC GLOBAL - Collect calls accepted: +1-703-527-3887

2. Hazards identification

2.1. Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2. Label elements

Not a hazardous substance or mixture.

Other hazards None known

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3. Composition/information on ingredients

3.1. Substances

Classification according to Regulation 29CFR 1910.1200

Texts of H phrases, see in Chapter 16

3.2. Mixtures

-

4. First aid measures

4.1. Description of first aid measures

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Chemical Name

NJ Trade secrets CAS-No.

Concentration

Classification

2-Propenoic acid, homopolymer, sodium salt

- 9003-04-7

> 99 %

General advice Inhalation

Skin contact Eye contact Ingestion

: Remove soiled or soaked clothing immediately

: Ensure supply of fresh air.

In the event of symptoms seek medical advice.

: In case of contact with skin wash off with soap and water. In the event of symptoms seek medical advice.

: In case of contact with eyes rinse thoroughly with plenty of water. If symptoms persist, seek medical advice.

: Thoroughly clean the mouth with water

In the event of symptoms seek medical advice.

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

Symptoms : No special hints.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing : foam, carbon dioxide, dry powder, water spray. media

Unsuitable : Full water jet extinguishing media

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: - carbon dioxide, carbon monoxide

5.3. Advice for firefighters

Do not inhale explosion and/or combustion gases Use self-contained breathing apparatus

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6. Accidental release measures

6.1. Personal precautions, protective equipment and

Forms slippery surfaces with water. Use personal protective equipment.

6.2. Environmental precautions

Do not allow to enter drains or waterways Do not discharge into the subsoil/soil.

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emergency procedures

6.3. Methods and material for containment and cleaning up

Pick up mechanically

Dispose of absorbed material in accordance with the regulations.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Hygiene measures

## General protective measures

: Ensure adequate ventilation.

: Wash hands before breaks and after work.

Do not eat, drink or smoke when working. Remove soiled or soaked clothing immediately.

: Do not inhale dust/fumes/aerosols. Avoid contact with eyes and skin

## 7.2. Conditions for safe storage, including any incompatibilities Prevention of fire and explosion

### Information

#### Storage

#### Information

Further information on storage conditions

: No special measures required.

: none

: Keep container dry

## 8. Exposure controls/personal protection

### 8.1. Control parameters

Contains no substances with occupational exposure limit values (US)

### 8.2. Exposure controls Engineering controls

#### Personal protective equipment

##### Eye protection

##### Hand protection

##### Body Protection

##### Respiratory protection

: This product is not classified as a hazardous substance. Any necessity for eye protection must be determined within the scope of a risk assessment.

: Glove material: protective gloves

: protective clothing

: in case of formation of vapors/dusts: Short term: filter apparatus, Filter P1

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## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

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Physical state

Form

Colour

Odor Odor Threshold

pH

Melting point Boiling point Flashpoint Evaporation rate Flammability

Upper Explosion/Ignition Limit

Lower explosion limit Vapor pressure

Relative vapor density

Relative density

Solubility

Water solubility

Partition coefficient (n-octanol/water)

Autoignition temperature  
Thermal decomposition  
Viscosity, kinematic  
Viscosity, dynamic US-GHS(R11/011) / 16.12.2014 21:15  
: solid  
: granular  
: white  
: odorless  
: no data available  
: approx. 6 1.0 g/l  
Remarks: in 0.9% NaCl-Solution : not applicable  
: not applicable  
: not applicable  
: no data available  
: no data available  
: not measured  
: not measured  
: < 10 hPa (20 °C)  
: no data available  
: no data available : not measured  
: insoluble  
: no data available : not measured  
: not measured  
: not applicable : not applicable

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9.2. Other information

Density

Bulk density Other information

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: approx. 0.7 g/cm<sup>3</sup>

: approx.720kg/m<sup>3</sup>

: none

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10. Stability and reactivity

10.1. Reactivity

see section "Possibility of hazardous reactions"

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Risk of dust explosions.

10.4. Conditions to avoid

> 200

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None with proper storage and handling.

## 11. Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity(oral)

Acute toxicity (inhalation)

Acute toxicity (dermal)

Irritation/corrosion of the skin

Serious eye damage/ eye irritation

Respiratory/skin sensitization

Repeated dose toxicity

Geno toxicity in vitro

: no data available : no data available

: no data available

: Species: rabbit Result: non-irritant Method: OECD404

: Species: rabbit

Result: Mild eye irritation Method: OECD405

: Species: Guinea pig Result: non-sensitizing Method: OECD406

: no data available

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: Result: not mutagenic

Method: mouse lymphoma test

Remarks: not mutagenic in in vivo and in vitro tests

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US. National Toxicology Program (NTP) Report on Carcinogens

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

US. IARC Monographs on Occupational Exposures to Chemical Agents

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

US. ACGIH Threshold Limit Values

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Repro toxicity / Fertility

Repro toxicity/Development/Teratogenicity

Specific Target Organ Toxicity - Single exposure

Specific Target Organ Toxicity - Repeated exposure

Aspiration hazard Other information

: not applicable

: not applicable

: no data available

: no data available

: No aspiration toxicity classification  
: Proper use provided, no adverse health effects have been observed or have been come to our knowledge.

## 12. Ecological information Ecotoxicology Assessment

Acute aquatic toxicity

Chronic aquatic toxicity

12.1. Toxicity Aqua toxicity ,fish

Aqua toxicity, invertebrates

Aqua toxicity, algae/

aquatic plants US-GHS(R11/011) / 16.12.2014 21:15

: no data available : no data available

: Species:Leuciscusidus Exposure duration: 96 h LC50: > 5,500mg/l Method: OECD203

Species: Danio rerio Exposure duration: 96 h LC50: > 4,000mg/l Method: OECD203

: no data available

: no data available

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: Species: Pseudomonas putida Exposure duration: 24 h EC50: > 6,000mg/l

: no data available : no data available

: no data available

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Toxicity in microorganisms

chronic toxicity in fish

Chronic toxicity in aquatic Invertebrates

Toxicity in organisms which live in the soil

12.2. Persistence and degradability Photo degradation : no data available

Biological : no data available degradability

12.3. Bio accumulative potential Bioaccumulation : no data available

12.4. Mobility in soil

Environmental : no data available

distribution

12.5. Results of PBT and vPvB assessment PBTandvPvB : no data available

assessment

13. Disposal considerations 13.1. Waste treatment methods

Product

Contaminated packaging

: In accordance with local authority regulations, take to special waste incineration plant

: If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. Transport information

Not dangerous according to transport regulations.

14.1 UN number: --

14.2 UN proper shipping name: --

14.3 Transport hazard class(es): --

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14.4 Packing group:

14.5 Environmental hazards:

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-- -- No

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14.6

15.

Special precautions for user:

Regulatory information

Canada:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation and the (M)SDS contains all information required by the Controlled Products Regulation

Canada

US regulations:

SARA Title III Section 311/312 Hazard Categories

Other regulations State Right to Know

: WHMIS CLASSIFICATION

Not Rated

This product does not contain component(s) on the WHMIS Ingredient Disclosure List.

: No SARA Hazards

: none

: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

ZUSPA\_RTK: No components subject to "Right-To-Know" legislation in the following States:

ZUSMA\_RTK: No components subject to "Right-To-Know" legislation in the following States:

ZUSNJ\_RTK: No components subject to "Right-To-Know" legislation in the following States:

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

HMIS Ratings

Notification status

TSCA(USA) DSL(CDN)

Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: X

: listed/registered or exempted : listed/registered or exempted

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16. Other information List of references

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: Comply with nation allows regulating employee instruction. : 12/16/2014

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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Legend

ADR ADN

ADNR

ASTM ATP

BCF BetrSichV c.c.

CAS CESIO ChemG CMR

DIN DMEL DNEL EINECS EC50 GefStoffV GGVSEB GGVSee GLP GMO IATA ICAO IMDG

ISO LOAEL LOEL NOAEL NOEC NOEL

o. c. OECD OEL PBT PEC PNEC REACH RID STOT SVHC TA TPR TRGS VCI vPvB VOC

VwVwS

WGK WHO

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European Agreement concerning the International Carriage of Dangerous Goods by Road

European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

European agreement concerning the international carriage of dangerous goods by inland waterways (ADN)

American Society for Testing and Materials Adaptation to Technical Progress Bio concentration factor

German Ordinance on Industrial Safety and Health closed cup

Chemical AbstractServices

European Committee of Organic Surfactants and their Intermediates

German Chemicals Act

carcinogenic-mutagenic-toxic for reproduction

German Institute for Standardization



Derived minimum effect level  
Derived no effect level  
European Inventory of Existing Commercial Chemical Substances  
half maximal effective concentration  
German Ordinance on Hazardous Substances  
German ordinance for road, rail and inland waterway transportation of dangerous goods  
German ordinance for sea transportation of dangerous goods  
Good Laboratory Practice  
Genetic Modified Organism  
International Air Transport Association  
International Civil Aviation Organization  
International Maritime Dangerous Goods  
International Organization For Standardization  
Lowest observed adverse effect level  
Lowest observed effect level  
No observed adverse effect level  
no observed effect concentration  
no observed effect level  
open cup  
Organization for Economic Cooperation and Development  
Occupational Exposure Limit  
Persistent, bio accumulative, toxic  
Predicted effect concentration  
Predicted no effect concentration  
REACH registration  
Convention concerning International Carriage by Rail  
Specific Target Organ Toxicity  
Substances of Very High Concern  
Technical Instructions  
Third Party Representative (Art. 4)  
Technical Rules for Hazardous Substances  
German chemical industry association  
very persistent, very bio accumulative  
volatile organic compounds  
German Administrative Regulation on the Classification of Substances Hazardous to Waters into  
Water Hazard Classes  
Water HazardClass  
World Health Organization  
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