

# Identification of the substance/mixture and of the company/undertaking

## Product identifier

Chemical Name : Sodium Polyacrylate, Crosslinked CAS-No. : 9003-04-7

## Recommended use of the chemical and restrictions on use

Recommended use : Industrial Use

Non-recommended use(s)

: None known.

## Details of the supplier of the safety data sheet

Company : Meitler Consulting, Inc.

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Tonganoxie, KS 66086 USA

Telephone : (913) 422-9339

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E-mail : info@mciclay.com

## Emergency telephone number

Emergency information

: Non-Emergency Phone Number: (913) 422-9339

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

# Hazards identification

## Classification of the substance or mixture

Not a hazardous substance or mixture.

## Label elements

Not a hazardous substance or mixture.

Other hazards

None known

# Composition/information on ingredients

## Substances

**Classification according to Regulation 29CFR 1910.1200**

|  |  |  |  |
| --- | --- | --- | --- |
| Chemical Name | NJ Trade secrets CAS-No. | Concentration | Classification |
| 2-Propenoic acid, homopolymer, sodium salt | - 9003-04-7 | > 99 % |  |

Texts of H phrases, see in Chapter 16

## Mixtures

**-**

# First aid measures

## Description of first aid measures

General advice : Remove soiled or soaked clothing immediately Inhalation : Ensure supply of fresh air.

In the event of symptoms seek medical advice.

Skin contact : In case of contact with skin wash off with soap and water.

In the event of symptoms seek medical advice.

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

Ingestion : Thoroughly clean the mouth with water

In the event of symptoms seek medical advice.

## Most important symptoms and effects, both acute and delayed

Symptoms : No special hints.

## Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

# Fire-fighting measures

## Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media

: foam, carbon dioxide, dry powder, water spray.

: Full water jet

## Special hazards arising from the substance or mixture

In the event of fire the following can be released:

- carbon dioxide, carbon monoxide

## Advice for firefighters

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

# Accidental release measures

## Personal precautions, protective equipment and emergency procedures

Forms slippery surfaces with water. Use personal protective equipment.

## Environmental precautions

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

## Methods and material for containment and cleaning up

Pick up mechanically

Dispose of absorbed material in accordance with the regulations.

# Handling and storage

## Precautions for safe handling

Advice on safe handling

: Ensure adequate ventilation.

Hygiene measures : Wash hands before breaks and after work.

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

General protective measures

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

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

Information : No special measures required.

## Storage

Information : none

Further information on storage conditions

: Keep container dry

# Exposure controls/personal protection

## Control parameters

Contains no substances with occupational exposure limit values (US)

## Exposure controls Engineering controls Personal protective equipment

Eye 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.

Hand protection : Glove material: protective gloves

Body Protection : protective clothing

Respiratory protection

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

# Physical and chemical properties

## Information on basic physical and chemical properties

Physical state : solid

Form : granular

Colour : white

Odour : odourless Odour Threshold : no data available

pH : approx. 6

1.0 g/l

Remarks: in 0.9% NaCl-Solution

Melting point : not applicable

Boiling point : not applicable

Flash point : not applicable Evaporation rate : no data available Flammability : no data available

Upper Explosion/Ignition Limit

: not measured

Lower explosion limit : not measured

Vapour pressure : < 10 hPa (20 °C)

Relative vapour density

: no data available

Relative density : no data available Solubility : not measured

Water solubility : insoluble

Partition coefficient (n-octanol/water)

Autoignition temperature

Thermal decomposition

: no data available

: not measured

: not measured

Viscosity, kinematic : not applicable Viscosity, dynamic : not applicable

## Other information

Density : approx. 0.7 g/cm3

Bulk density : approx. 720 kg/m3

Other information : none

# Stability and reactivity

## Reactivity

see section "Possibility of hazardous reactions"

## Chemical stability

The product is stable under normal conditions.

## Possibility of hazardous reactions

Risk of dust explosions.

## Conditions to avoid

> 200

## Incompatible materials

None known.

## Hazardous decomposition products

None with proper storage and handling.

# Toxicological information

## Information on toxicological effects

Acute toxicity (oral) : no data available

Acute toxicity (inhalation)

Acute toxicity (dermal)

Irritation/corrosion of the skin

: no data available

: no data available

: Species: rabbit Result: non-irritant Method: OECD 404

Serious eye damage/ eye irritation

: Species: rabbit

Result: Mild eye irritation Method: OECD 405

Respiratory/skin sensitization

: Species: Guinea pig Result: non-sensitizing Method: OECD 406

Repeated dose toxicity

: no data available

Genotoxicity in vitro : Result: not mutagenic

Method: mouse lymphoma test

Remarks: not mutagenic in *in vivo* and *in vitro* tests

## 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.

Reprotoxicity / Fertility

Reprotoxicity/Develo pment/Teratogenicity

Specific Target Organ Toxicity - Single exposure

Specific Target Organ Toxicity - Repeated exposure

: not applicable

: not applicable

: no data available

: no data available

Aspiration hazard : No aspiration toxicity classification

Other information : Proper use provided, no adverse health effects have been observed or have been come to our knowledge.

# Ecological information

## Ecotoxicology Assessment

Acute aquatic toxicity : no data available

Chronic aquatic toxicity

: no data available

## Toxicity

Aquatoxicity, fish : Species: Leuciscus idus

Exposure duration: 96 h LC50: > 5,500 mg/l

Method: OECD 203

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

Method: OECD 203

Aquatoxicity, invertebrates

: no data available

Aquatoxicity, algae / aquatic plants

: no data available

Toxicity in microorganisms

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

chronic toxicity in fish : no data available

Chronic toxicity in aquatic Invertebrates

: no data available

Toxicity in organisms which live in the soil

: no data available

## Persistence and degradability

Photodegradation : no data available

Biological degradability

: no data available

## Bioaccumulative potential

Bioaccumulation : no data available

## Mobility in soil

Environmental distribution

: no data available

## Results of PBT and vPvB assessment

PBT and vPvB assessment

: no data available

# Disposal considerations

## Waste treatment methods

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

Contaminated packaging

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

# Transport information

## Not dangerous according to transport regulations.

|  |  |  |
| --- | --- | --- |
| 14.1 | UN number: | -- |
| 14.2 | UN proper shipping name: | -- |
| 14.3 | Transport hazard class(es): | -- |

* 1. Packing group: --
  2. Environmental hazards: --
  3. Special precautions for user: No

# 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 : WHMIS CLASSIFICATION

Not Rated

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

US regulations:

SARA Title III Section 311/312 Hazard Categories

: No SARA Hazards

Other regulations : none

State Right to Know : 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 Health: 1

Flammability: 0

Reactivity: 0

Personal Protection: X

## Notification status

TSCA (USA) : listed/registered or exempted

DSL (CDN) : listed/registered or exempted

# Other information

## List of references

Other information : Comply with national laws regulating employee instruction. Revision date : 05/23/2017

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

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# Legend

**ADR** European Agreement concerning the International Carriage of Dangerous Goods by Road

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

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

**ASTM** American Society for Testing and Materials

**ATP** Adaptation to Technical Progress

**BCF** Bioconcentration factor

**BetrSichV** German Ordinance on Industrial Safety and Health

**c.c.** closed cup

**CAS** Chemical Abstract Services

**CESIO** European Committee of Organic Surfactants and their Intermediates

**ChemG** German Chemicals Act

**CMR** carcinogenic-mutagenic-toxic for reproduction

**DIN** German Institute for Standardization

**DMEL** Derived minimum effect level

**DNEL** Derived no effect level

**EINECS** European Inventory of Existing Commercial Chemical Substances

**EC50** half maximal effective concentration

**GefStoffV** German Ordinance on Hazardous Substances

**GGVSEB** German ordinance for road, rail and inland waterway transportation of dangerous goods

**GGVSee** German ordinance for sea transportation of dangerous goods

**GLP** Good Laboratory Practice

**GMO** Genetic Modified Organism

**IATA** International Air Transport Association

**ICAO** International Civil Aviation Organization

**IMDG** International Maritime Dangerous Goods

**ISO** International Organization For Standardization

**LOAEL** Lowest observed adverse effect level

**LOEL** Lowest observed effect level

**NOAEL** No observed adverse effect level

**NOEC** no observed effect concentration

**NOEL** no observed effect level

**o. c.** open cup

**OECD** Organisation for Economic Cooperation and Development

**OEL** Occupational Exposure Limit

**PBT** Persistent, bioaccumulative, toxic

**PEC** Predicted effect concentration

**PNEC** Predicted no effect concentration

**REACH** REACH registration

**RID** Convention concerning International Carriage by Rail

**STOT** Specific Target Organ Toxicity

**SVHC** Substances of Very High Concern

**TA** Technical Instructions

**TPR** Third Party Representative (Art. 4)

**TRGS** Technical Rules for Hazardous Substances

**VCI** German chemical industry association

**vPvB** very persistent, very bioaccumulative

**VOC** volatile organic compounds

**VwVwS** German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes

**WGK** Water Hazard Class

**WHO** World Health Organization