

# Material Safety Data Sheet

MSDS ID: CR-119A

**\*\*\* Section 1 - Chemical Product and Company Identification \*\*\*****Product Name: STOCKOPAM**

Chemical Name: Polyacrylamide

**Company Information:**Evonik Corporation  
2401 Doyle Street  
Greensboro, NC 27406

Phone: (800) 242-2271

Emergency # : (800) 424-9300 CHEMTREC

**\*\*\* Section 2 - Hazards Identification \*\*\*****Emergency Overview**

Irritant to eyes. Prolonged or repeated skin contact may cause dryness and irritation.

**Potential Health Effects: Eyes**

Irritant

**Potential Health Effects: Skin**

Irritant

**Potential Health Effects: Ingestion****Potential Health Effects: Inhalation****HMIS Ratings: Health: 1 Fire: 0 Reactivity: 0 Pers. Prot.: B**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

**\*\*\* Section 3 - Composition / Information on Ingredients \*\*\***

CAS #	Component
25085-02-3	2-Propenoic acid, sodium salt, polymer with 2-propenamide

**Component Information/Information on Non-Hazardous Components**

None

**\*\*\* Section 4 - First Aid Measures \*\*\*****First Aid: Eyes**

Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention.

**First Aid: Skin**

Wash thoroughly with soap and water.

**First Aid: Ingestion**

If ingested, get immediate medical attention. Do not induce vomiting unless instructed to do so by medical personnel.

# Material Safety Data Sheet

STOCKOPAM

MSDS ID: CR-119A

## First Aid: Inhalation

Move to source of fresh air.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

No particular hazards.

**Upper Flammable Limit (UFL):** Not determined

**Lower Flammable Limit (LFL):** Not determined

**Method Used:** DIN 51758

**Flash Point:** >200°C

**Flammability Classification:**

**Auto Ignition:** >200°C

### Hazardous Combustion Products

On thermal decomposition oxides of carbon and nitrogen.

### Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog.

### Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

**NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

Flush residuals to the drain for normal biological treatment. CAUTION- spilled material in contact with water creates very slippery conditions.

### Clean-Up Procedures

None specified.

### Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

### Special Procedures

Remove spills promptly as they may make floors slippery. Several washes and/or the use of detergents may be necessary to completely clean any spill.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

Handle as an irritant. Do not get into eyes.

### Storage Procedures

None specified.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Component Exposure Limits

No information is available.

### Engineering Controls

Provide adequate ventilation to minimize worker exposure.

# Material Safety Data Sheet

STOCKOPAM

MSDS ID: CR-119A

## PERSONAL PROTECTIVE EQUIPMENT

### Personal Protective Equipment: Eyes/Face

Safety glasses

### Personal Protective Equipment: Skin

Skin contact should be minimized. Impervious gloves (rubber or neoprene) are recommended.

### Personal Protective Equipment: Respiratory

Use a nuisance dust mask for dusty conditions.

### Personal Protective Equipment: General

CAUTION Extreme slipping hazard when wet.

## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	White granular	<b>Odor:</b>	Mild acrylic odor
<b>Physical State:</b>	Solid	<b>pH:</b>	5-7 at 10 g/l (20°C)
<b>Vapor Pressure:</b>	Not Established	<b>Vapor Density:</b>	Not Established
<b>Boiling Point:</b>	Not Established	<b>Melting Point:</b>	Not Established
<b>Solubility (H2O):</b>	Limited solubility	<b>Specific Gravity:</b>	Not Established
<b>Evaporation Rate:</b>	<1 (butyl acetate =1)	<b>Bulk Density:</b>	44 lbs./ft3
		<b>Flash Point:</b>	>200°C (DIN 51758)

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

Stable under usual application conditions.

### Chemical Stability: Conditions to Avoid

None.

### Incompatibility

None identified.

### Hazardous Decomposition

None identified.

### Hazardous Polymerization

Hazardous polymerization will not occur.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute and Chronic Toxicity

#### A: General Product Information

Eye and skin irritant. May aggravate existing medical conditions such as rashes, allergies or other sensitive areas.

Symptoms may include reddening, swelling of affected areas with possible itching, burning or other discomfort.

LD50 mouse: >5000 mg/kg (5% solution)

#### B: Acute Toxicity-LD50/LC50

No LD50/LC50's are available for this product's components.

### Carcinogenicity

#### A: General Product Information

NTP: No

IARC: No

OSHA: No

#### B: Component Carcinogenicity

No information is available.

# Material Safety Data Sheet

STOCKOPAM

MSDS ID: CR-119A

## Mutagenicity

Results of mutagenicity testing with the Ames Test (*Salmonella typhinurium* plate test): negative.

### \*\*\* Section 12 - Ecological Information \*\*\*

## Ecotoxicity

### A: General Product Information

Prevent concentrated product from penetrating surface waters without biological waste water treatment.

Dilute solutions in normal use are not to be regarded as hazardous to aquatic life.

Fish toxicity: LC50 *Leuciscus idus* ~4000 mg/l, 96 hour.

### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No information available,

## Environmental Fate

Biodegradation is negligible, possibly due to the highly polymerized structure of the polyacrylamides. However, the substance is removed from waste water effluent due to flocculation with the bio-sludge.

### \*\*\* Section 13 - Disposal Considerations \*\*\*

## US EPA Waste Number & Descriptions

### A: General Product Information

Incinerate or dispose of solidified product according to local, state and federal regulations. Unadulterated product is considered non-hazardous.

### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

## Disposal Instructions

Contain and collect using absorbent material if needed. Flush residuals to drain for normal biological treatment.

Place collected material into suitable containers for proper disposal.

### \*\*\* Section 14 - Transportation Information \*\*\*

## International Transportation Regulations

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

### \*\*\* Section 15 - Regulatory Information \*\*\*

## US Federal Regulations

### A: General Product Information

SARA 313 reportable toxic chemicals - None This product is not Federally regulated as a hazardous material.

### B: Clean Air Act

No information is available.

### C: Component Analysis

No information is available.

## State Regulations

### A: General Product Information

None

### B: Component Analysis - State

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects. Acrylamide (CAS number 79-06-1) <0.5%.

# Material Safety Data Sheet

STOCKOPAM

MSDS ID: CR-119A

## Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

## Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
2-Propenoic acid, sodium salt, polymer with 2-propenamamide	25085-02-3	Yes	DSL	Not regulated as a polymer

## \*\*\* Section 16 - Other Information \*\*\*

### Other Information

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

### MSDS History

This is a revised MSDS. Section's 2 & 3 have been revised to reflect proposed 2004 ANSI Standards format recommendations for 2007 implementation.

**Contact:** Product Compliance Officer

**Contact Phone:** (800) 242-2271

This is the end of MSDS ID: CR-119A