



## Rustoscale Polysperse BW

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Rustoscale Polysperse BW  
**SDS Number:** 0161  
**Revision Date:** 5/26/2016  
**Chemical Family:** Acrylic Polymers  
**Product Use:** Water Treatment Compound  
**Supplier Details:** Alliance Group, Inc. 800-648-7339  
N114 W18621 Clinton Drive  
Germantown, WI 53022

**Contact:** CHEMTEL  
**Phone:** 1-800-255-3924

### 2 HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin corrosion/irritation, 2  
Health, Serious Eye Damage/Eye Irritation, 2 A

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



##### GHS Hazard Statements:

H315 - Causes skin irritation  
H319 - Causes serious eye irritation

##### GHS Precautionary Statements:

P264 - Wash skin thoroughly after handling.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P302+352 - IF ON SKIN: Wash with soap and water.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P332+313 - If skin irritation occurs: Get medical advice/attention.  
P362 - Take off contaminated clothing and wash before reuse.

#### Hazards not Otherwise Classified (HNOC) or not Covered by GHS

**Route of Entry:** Eyes; Ingestion; Inhalation; Skin;  
**Target Organs:** No data available.  
**Inhalation:** Minimal respiratory tract irritation may occur with exposure to a large amount of material.  
**Skin Contact:** May cause mild to moderate irritation.  
**Eye Contact:** May cause mild to severe irritation. May cause permanent eye damage.

### 3 COMPOSITION/INFORMATION OF INGREDIENTS

**Ingredients:**

Substance/Mixture: Mixture

Cas#	%	Chemical Name
54193-36-1	<10%	2-Propenoic acid, 2-methyl-, homopolymer, sodium salt
7732-18-5	<5%	Sodium Polyacrylate

## 4 FIRST AID MEASURES

<b>Inhalation:</b>	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
<b>Skin Contact:</b>	Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.
<b>Eye Contact:</b>	Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention. Get immediate medical attention if irritation persists
<b>Ingestion:</b>	Do not induce vomiting. Rinse mouth with water. Rinse mouth with water. Get prompt, qualified medical attention.

## 5 FIRE FIGHTING MEASURES

<b>Flammability:</b>	Not flammable or combustible.
<b>Flash Point:</b>	No data available.
<b>Flash Point Method:</b>	No data available.
<b>Burning Rate:</b>	No data available.
<b>Autoignition Temp:</b>	No data available.
<b>LEL:</b>	No data available.
<b>UEL:</b>	No data available.

### Fire Fighting Methods

Evacuate area of unprotected personal. Wear protective clothing including NIOSH Approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire exposed containers and disperse vapors.

### Extinguishing Media

**Suitable:** Use water fog, alcohol foam, carbon dioxide, dry chemical

**Unsuitable fire extinguisher:** No data available.

**Unusual Fire or Explosion Hazards:** No data available.

## 6 ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Use personal protective equipment. No conditions to be specially mentioned

### Environmental Precautions

Do not let products enter drains. Discharge into the environment must be avoided. Do not allow material to contaminate ground water.

### Spill

Soak up with inert absorbent material and place in container for disposal according to local regulations. Keep in suitable, closed containers for disposal. Watch out for slippery conditions when spillage.

## 7 HANDLING AND STORAGE

<b>Handling Precautions:</b>	Avoid contact with eyes, skin, or clothing. Avoid breathing vapors or mist. Wash thoroughly after handling. Do not puncture or drop containers. Do not expose containers to open flame, excessive heat, or direct sunlight.
<b>Storage Requirements:</b>	Store in cool/dry area. Keep containers tightly closed when not in use.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering Controls:</b>	Provide local exhaust ventilation. Maintain adequate ventilation. Do not used in closed or confined spaces.
<b>Personal Protective Equipment:</b>	Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Respiratory: No personal respiratory protective equipment is required. Eyes and Face: Wear chemical safety goggles while handling this product. Skin: For prolonged or repeated contact use protective gloves

<b>Component</b>	<b>OSHA PEL</b>	<b>ACGIH TWA/ TLV</b>
<b>Acrylic Polymers</b>	<b>No data available.</b>	<b>No data available.</b>

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear. Light yellow liquid
<b>Physical State:</b>	No data available.
<b>Odor:</b>	Mild odor.
<b>Odor Threshold:</b>	No data available.
<b>Molecular Formula:</b>	No data available.
<b>Particle Size:</b>	No data available.
<b>Solubility:</b>	Complete
<b>Spec Grav./Density:</b>	1.02
<b>Softening Point:</b>	No data available.
<b>Viscosity:</b>	No data available.
<b>Percent Volatile:</b>	No data available.
<b>Sat. Vap. Conc.:</b>	No data available.
<b>Heat Value:</b>	No data available.
<b>Boiling Point:</b>	No data available.
<b>Freezing/Melting Pt.:</b>	32° F
<b>Flammability:</b>	Not flammable
<b>Flash Point:</b>	No data available.
<b>Partition Coefficient:</b>	No data available.
<b>Octanol:</b>	No data available.
<b>Vapor Pressure:</b>	No data available.
<b>Vapor Density:</b>	No data available.
<b>pH:</b>	11-11.5
<b>VOC:</b>	No data available.
<b>Evap. Rate:</b>	No data available.
<b>Bulk Density:</b>	No data available.
<b>Molecular weight:</b>	No data available.
<b>Auto-Ignition Temp:</b>	No data available.
<b>Decomp Temp:</b>	No data available.
<b>UFL/LFL:</b>	No data available.

Lower Explosion Limits: No data available.

Upper Explosion Limits: No data available.

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	No data available.
<b>Materials to Avoid:</b>	Strong oxidizing agents
<b>Hazardous Decomposition:</b>	Acrylic monomers, carbon monoxide, carbon dioxide, hydrocarbons.
<b>Hazardous Polymerization:</b>	Will not occur.

**Toxicity Data:**

Eye Effects: May cause eye irritation. Serious eye damage/eye irritation. Effects may vary depending on the length of exposure, solution, concentration, and first aid measures.

Skin Effects: May be harmful if absorbed through skin. May cause skin irritation. Contact may cause drying.

Acute Inhalation Effects: No data available.

Chronic Effects: No data available.

Mutagenicity: No data available.

Teratogenicity: No data available.

Fertility Effects: No data available.

Carcinogenicity: 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, ACGIH, NTP, or OSHA

**Acute Toxicity:**

Oral ( LD 50): No data available

Dermal (LD50) : No data available

Inhalation ( LC 50): No data available

**Biodegradability** No data available.

**Ecotoxicity** Toxicity to fish:

LC50- *Orcorhynchus mykiss* (rainbow trout) - 1079 mg/L- 96 hr (acrylic polymers)

Toxicity to aquatic invertebrates:

EC50- *Daphnia magna* (Water flea) - 1529 mg/L- 48 H (acrylic polymers)

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Potentially harmful to aquatic life.

Dispose of in accordance with local, state, and federal regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied.

This material is not listed as a hazardous waste if and when it is discarded.

Not hazardous product according to these transport classifications.

Proper Shipping Name: Not DOT Regulated

## FEDERAL REGULATIONS

TSCA Inventory Status: All components of this product are listed on the Toxic Substances Control Act Inventory or are excluded from listing requirements.

SARA Title III Section 311/312 Category:

Immediate(Acute) Health Hazard: Yes

Delayed (Chronic) Health Hazard:No

Fire Hazard: No

Sudden Release of Pressure Hazard:No

Reactive Hazard: No

SARA Section 302/304/313/HAP:

Component CERCLA RQ (LBS) SARA RQ(LBS) SARA TPQ(LBS) SARA SEC 313 US EPAHAP

Acrylic Polymer No data available. No data available. No data available. No data available. No

## STATE REGULATIONS

**California-** The following components are listed under Prop 65: This product does not contain any chemicals known to cause cancer and/or reproductive harm

**Wisconsin-** The following components are listed as a Wisconsin HAP: **None**

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## OTHER INFORMATION

HMIS III: Health = 1, Fire = 0, Physical Hazard = 0

HMIS	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

**Publication Date:** 5/26/2016

**Prepared By:** T.Hartmann

**Reason for Revision:** Update to Section 9

This information is given in good faith and based on our current knowledge of the product.

### Disclaimer:

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