SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : Pearl Size

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Binder

1.3. Details of the supplier of the safety data sheet

Monaghan Corporation
2017 Dean Avenue
Des Moines, Iowa 50317
515-266-2120

1.4. Emergency telephone number

Emergency number : CHEMTREC (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
Not classified

2.2. Label elements

GHS-US labelling
No labelling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable
Full text of H-phrases: see section 16

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vinyl Acetate Homopolymer</td>
<td>40 - 70</td>
<td>Not classified</td>
</tr>
<tr>
<td>Water</td>
<td>40 - 50</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

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

No additional information available
### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media
- **Unsuitable extinguishing media**: Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture
No additional information available

#### 5.3. Advice for firefighters
- **Firefighting instructions**: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
- **Protection during firefighting**: Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel
- Emergency procedures: Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders
- **Protective equipment**: Equip cleanup crew with proper protection.
- **Emergency procedures**: Ventilate area.

#### 6.2. Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up
- **Methods for cleaning up**: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections
See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling
- **Precautions for safe handling**: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

#### 7.2. Conditions for safe storage, including any incompatibilities
- **Storage conditions**: Keep only in the original container in a cool, well ventilated place away from Sources of ignition. Keep container closed when not in use.
- **Incompatible products**: Strong bases. Strong acids.
- **Incompatible materials**: Sources of ignition. Direct sunlight.

#### 7.3. Specific end use(s)
No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.2. Exposure controls
- **Personal protective equipment**: Avoid all unnecessary exposure.
- **Hand protection**: Wear protective gloves.
- **Eye protection**: Chemical goggles or safety glasses.
- **Respiratory protection**: Wear appropriate mask.
- **Other information**: Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties
- **Physical state**: Liquid
- **Appearance**: Milky White.
- **Colour**: Milky White.
- **Odour**: Sweet.
Odour threshold : No data available
Percent Solids : 55 - 57 %
pH : 4.5 - 6.0
Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : < 32 °F
Boiling point : > 212 °F
Flash point : > 212 °F
Self ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Density : 9 lbs/gal
Solubility : Dispersible.
Log Pow : No data available
Log Kow : No data available
Viscosity : 3300 - 4400 cP
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
Not established.

10.3. Possibility of hazardous reactions
Not established.

10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials
Strong acids. Strong bases.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified
Skin corrosion/irritation : Not classified
pH: 4.5 - 6.0
Serious eye damage/irritation : Not classified
pH: 4.5 - 6.0
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified
Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

12.1. Toxicity
No additional information available

12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>Pearl Size</th>
<th>Persistence and degradability</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not established.</td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Pearl Size</th>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not established.</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
Other information : Avoid release to the environment.

**SECTION 13: Disposal considerations**

13.1. Waste treatment methods
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

**SECTION 14: Transport information**

In accordance with DOT
Not regulated by DOT

Additional information
Other information : No supplementary information available.

**ADR**
Transport document description : 
Class (ADR) : Not subject

**Transport by sea**
Class (IMDG) : Not subject

**Air transport**
Class (IATA) : Not subject

**SECTION 15: Regulatory information**

15.1. US Federal regulations
No additional information available

15.2. International regulations

**CANADA**
No additional information available

**EU-Regulations**
No additional information available
**Safety Data Sheet**

Classification according to Regulation (EC) No. 1272/2008 [CLP]

**Classification according to Directive 67/548/EEC or 1999/45/EC**

Not classified

15.2.2. National regulations

**Pearl Size**

This product complies with the US Toxic Substances Control Act (TSCA).

Contains no substances at or above the reporting threshold under Section 313.

15.3. US State regulations

**Pearl Size**

| State or local regulations | Unless a concentration is specified in Section 3 of the SDS, this product contains trace amounts of components listed on California Prop 65. |

**SECTION 16: Other information**

**Other information**

None.

**NFPA health hazard**

1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

**NFPA fire hazard**

0 - Materials that will not burn.

**NFPA reactivity**

0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

**HMIS III Rating**

- Health: 1 Slight Hazard - Irritation or minor reversible injury possible
- Flammability: 0 Minimal Hazard
- Physical: 0 Minimal Hazard
- Personal Protection: B

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*