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HYDROBLASTERS - HYDROKLEEN - HYDROPAD

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# Safety Data Sheet

## Section 1. Identification

Product identifier	Flocculent
Other means of identification	3RG760
Product Description	Anionic Polymer Flocculent
Recommended use	Not available.
Recommended restrictions	None known.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Supplier</b>	
Company name	Hydro Engineering, Inc.
Address	8865 W 2600 S Salt Lake City, UT 84119
Telephone	800-247-8424
Website	<a href="http://www.hydroblaster.com">http://www.hydroblaster.com</a>
Emergency phone number	Chemtrec Within US & Canada: 800-424-9300

## Section 2. Hazard(s) identification

Aqueous solutions or powders that become wet render surfaces extremely slippery.

## Section 3. Composition/information on ingredients

Identification of the preparation	Anionic water-soluble polymer
Substance	Sodium 2-Propenoate 2-Propenamide Polymer
Sobriquet	2-Propenoic Acid, Polymer
CAS no	25987-30-8
Content	90 ± 5

## Section 4. First-aid measures

Inhalation	Move to fresh air
Skin Contact	Wash off immediately with soap and plenty of water. In case of persistent skin irritation, consult a physician.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation, consult a physician.
Ingestion	The product is not considered toxic based on studies on laboratory animals.

## Section 5. Fire-fighting measures

Suitable extinguishing media	Water, water spray, foam, dry powder, carbon dioxide(CO <sub>2</sub> )
Special fire-fighting precautions	Aqueous solutions or powders that become wet render surfaces extremely slippery.
Special protective equipment for firefighters	No special protective equipment required.

## Section 6. Accidental release measures

Methods for cleaning up	<u>Do not flush with water.</u> Clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. <u>After cleaning,</u> flush away traces with water.
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## Section 7. Handling and storage

<b>Handling</b>	Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before breaks and at the end of workday.
<b>Storage</b>	Keep in a dry, cool place (0~35 °C).

## Section 8. Exposure controls/personal protection

<b>Engineering measures to reduce exposure</b>	Use local exhaust if dusting occurs. Natural ventilation is adequate in absence of dusts.
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### Personal protection equipment

<b>Respiratory protection</b>	Dust safety masks are recommended where concentration of total dust is more than 10mg/m <sup>3</sup>
<b>Hand protection</b>	Rubber gloves.
<b>Eye protection</b>	Safety glasses with side-shields. Do not wear contact lenses.
<b>Skin and body protection</b>	Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.
<b>Hygiene measures</b>	Wash hands before breaks and at the end of workday. Handle in accordance with good industrial hygiene and safety practice.

## Section 9. Physical and chemical properties

<b>Form</b>	Granular solid
<b>Color</b>	White
<b>Odor</b>	None
<b>pH</b>	4 ~ 9 @ 5 g/L for product series. See Technical Bulletin for specific value.
<b>Melting Point (°C)</b>	Not applicable
<b>Flash Point(°C)</b>	Not applicable
<b>Auto ignition temperature</b>	Not applicable
<b>Vapor pressure (mmHg)</b>	Not applicable

## Section 10. Stability and reactivity

<b>Stability</b>	Product is stable, no hazardous polymerization will occur.
<b>Materials to avoid</b>	Oxidizing agents may cause exothermic reactions.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may produce: nitrogen oxides (NOx), carbon oxides.

## Section 11. Toxicological information

### Acute toxicology

<b>Oral</b>	LD 50/oral/rat > 5000 mg/kg
<b>Dermal</b>	The result of testing on rabbits showed this material to be non-toxic even at high dose levels.
<b>Inhalation</b>	The product is not expected to be toxic by inhalation.

### Irritation

<b>Skin</b>	The results of testing on rabbits showed this material to be non-irritating to the skin.
<b>Eyes</b>	Testing conducted according to the Draize technique showed the material produces no corneal or iridial effects and only slight transitory conjunctival effects similar to those which all granular materials have on conjunctive.

### Sensitization

The result of testing on guinea pigs showed this material to be non-sensitizing

### Chronic toxicity

A two-year feeding study on rats did not reveal adverse health effects. A one-year feeding study on dogs did not reveal adverse health effects.

## Section 12. Ecological information

<b>Fish</b>	LC 50/Fathead minnows/96h > 1000 mg/l
<b>Algae</b>	EC 50/Selenastrum capricornutum/96h > 500 mg/l
<b>Bioaccumulation</b>	The product is not expected to bioaccumulate.
<b>Persistence / Degradability</b>	Not readily biodegradable.

### **Section 13. Disposal considerations**

**Waste from residues / unused products** In accordance with local and national regulations.

**Contaminated packaging** Rinse empty containers with water and use the rinse water to prepare the working solution.  
Can be land filled or incinerated, when in compliance with local regulations

### **Section 14. Transport information**

**Remarks** Not classified as dangerous in the meaning of transport regulations.

### **Section 15. Regulatory information**

This product is not a hazardous article and need not to be labeled according to EC-Directives as amended.

#### **Inventory Status**

**EINECS (Europe)** Existing polymer according to the definition in the 7 th Amendment to Directive 67/548/EEC.  
All starting materials and additives are listed in EINECS.

### **Section 16. Other information, including date of preparation or last revision**

**Issue date** 25-March-2013

**Revision date** 11-October-2018

#### **Disclaimer**

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