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.
Manufacturer/Importer/Supplier/Distributor information

Supplier
Company name: Hydro Engineering, Inc.
Address: 865 W 2600 S
Salt Lake City, UT 84119
Telephone: 800-247-8424
Website: http://www.hydroblaster.com
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 (CO₂)
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: Do not flush with water.
Clean up promptly by scoop or vacuum.
Keep in suitable and closed containers for disposal.
After cleaning, flush away traces with water.
Section 7. Handling and storage
Handling
Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before breaks and at the end of workday.
Storage
Keep in a dry, cool place (0~35 °C).

Section 8. Exposure controls/personal protection
Engineering measures to reduce exposure
Use local exhaust if dusting occurs. Natural ventilation is adequate in absence of dusts.
Personal protection equipment
Respiratory protection
Dust safety masks are recommended where concentration of total dust is more than 10mg/m³.
Hand protection
Rubber gloves.
Eye protection
Safety glasses with side-shields. Do not wear contact lenses.
Skin and body protection
Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.
Hygiene measures
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
Form
Granular solid
Color
White
Odor
None
pH
4 ~ 9 @ 5 g/L for product series. See Technical Bulletin for specific value.
Melting Point (°C)
Not applicable
Flash Point(°C)
Not applicable
Auto ignition temperature
Not applicable
Vapor pressure (mmHg)
Not applicable

Section 10. Stability and reactivity
Stability
Product is stable, no hazardous polymerization will occur.
Materials to avoid
Oxidizing agents may cause exothermic reactions.
Hazardous Decomposition Products
Thermal decomposition may produce: nitrogen oxides (NOx), carbon oxides.

Section 11. Toxicological information
Acute toxicity
Oral
LD 50/oral/rat > 5000 mg/kg
Dermal
The result of testing on rabbits showed this material to be non-toxic even at high dose levels.
Inhalation
The product is not expected to be toxic by inhalation.
Irritation
Skin
The results of testing on rabbits showed this material to be non-irritating to the skin.
Eyes
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
Fish
LC 50/Fathead minnows/96h > 1000 mg/l
Algae
EC 50/Selenastrum capricornutum/96h > 500 mg/l
Bioaccumulation
The product is not expected to bioaccumulate.
Persistence / Degradability
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 7th 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
09-December-20

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