

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer Next Filtration Technologies Inc., www.nextfiltration.com
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Product Name Next ScaleStop

Recommended Use Water Treatment Scale Prevention media

Restrictions on Use None

Emergency Contact / Number 800-783-0310- Ext. 101

SECTION 2: HAZARD IDENTIFICATION

Classification of the substance

- **Health Hazards** Acute Toxicity Category 5
- **Environmental Hazards: None**
- **Physical Hazards: None**

- **Hazardous Statements:** May be harmful in contact with skin.
- May be harmful if swallowed.
- **Precautionary Statements:** Not Required

- **Pictograms:** Not required
- **Other Hazards:** This material is not considered hazardous.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS#	Component Percent
Modified Acrylic Polymer	NDA	50 to 60%
Water	7732-18-5	30 to 40%
Calcium	7440-70-2	10%

SECTION 4: FIRST AID MEASURES

First aid is not expected to be necessary if material is used under ordinary conditions and as intended.

Eye Contact

Flush eyes with clean, lukewarm water Remove contacts. Get medical attention if irritation persists.

Skin Contact

Wash affected area with mild soap and water then rinse with water. Get medical attention if skin irritation occurs.

Ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting. Loosen tight clothing such as collar, tie, belt or wristband. If the victim is not breathing, perform cardiopulmonary resuscitation. Get medical attention.

Inhalation

Remove to fresh air and seek medical attention if adverse effects are observed.

Most Important Symptoms / Effects

May cause mild skin irritation. Swallowing may cause gastrointestinal irritation and nausea.

Indication of Immediate Medical Attention and Special Treatment, if Necessary

Persistent eye or skin irritation, ingestion, gastrointestinal or respiratory distress. Seek medical attention.

SECTION 5: FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media

Product will not burn until all water is evaporated. Use fire-fighting techniques suitable to surrounding fire.

Specific Hazards Arising from the Chemical

Material will not burn until water has been evaporated. This material does not pose a fire or explosion hazard.

Specific Protective Equipment and Precautions for Fire-Fighters

Do not enter confined fire space without full equipment and a positive pressure NIOSH-approved self-contained breathing apparatus. Structural firefighter's protective clothing will only provide limited protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

See Section 8 for personal protective gear.

Personal Precautions

Avoid skin or eye contact with spilled material.

Environmental Precautions

Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways.

Methods for Cleaning Up

Absorb with sand, dirt or other non-combustible material.

SECTION 7: HANDLING AND STORAGE

See Section 8 for personal protective gear.

Handling and Storage

Use good safety and industrial hygiene practices. Avoid repeated freezing and thawing cycles to prevent fracturing. If frozen, thaw at room temperature.

Best stored in a cool dry place.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits

- **Engineering Controls** None listed
- **Eye and Face Protection** Under normal use eye protection is not required
- **Skin Protection** Under normal use skin protection is not required
- **Respiratory Protection** Respiratory not normally needed. Maintain good ventilation or airflow. Use a respirator in areas where the exposure is unknown or above OSHA or ACGIH limits.
- **General Hygiene** Follow accepted work practices for handling an irritant material. Do not eat, drink or smoke in areas where this product is used or stored. Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	Pale yellow beads	Flash Point (PMCC)	No data available
Specific Gravity (Water=1)	No data available	Upper Flammability Limits	No data available
Evaporation Rate (butyl acetate = 1)	No data available	Lower Flammability Limits	No data available
pH	6.5 to 8.5	Auto-ignition Temperature	No data available
Solubility in Water	Negligible	Decomposition Temperature	No data available
Odor	None	Vapor Pressure	No data available
Odor Threshold	No data available	Vapor Density (Air=1)	N/A
Melting/Freezing Point	No data available	Partition Coefficient (n-octanol/water)	No data available
Boiling Range	No data available	Viscosity (mPas, 20 °C)	N/A
Initial Boiling Point	No data available	Critical Temperature	No data available

Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive at normal storage and use conditions
Chemical Stability	Stable at normal storage and use conditions
Possibility of Hazardous Reactions	Will not occur under normal conditions
Conditions to Avoid	Avoid contact with strong oxidizing agents, particularly concentrated nitric acid.
Incompatible Materials	Strong oxidizers
Hazardous Decomposition Products	None known

SECTION 11: TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

Acute Toxicity Effects	Under normal conditions of use, no health effects are expected.
Chronic Toxicity Effects	Under normal conditions of use, no health effects are expected.
Carcinogenicity	Under normal conditions of use, no health effects are expected.

NTP, OSHA and IARC have not identified any carcinogenic ingredients above the statutory limit.

SECTION 12: ECOLOGICAL INFORMATION

Specific environmental tests have not been conducted on this mixture. The product is not classified as an environmental hazard based on its main components.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state/province, and federal environmental regulations.

SECTION 14: TRANSPORT INFORMATION

US DOT (United States Department of Transportation):	Not regulated
IATA (International Air Transportation Association):	Not regulated
IMO (International Maritime Organization):	Not regulated

SECTION 15: REGULATORY INFORMATION

TSCA Status	All components are listed in the TSCA inventory
SARA 311/312 Reporting Categories	None
SARA 313 Reportable Ingredients	None

SECTION 16: OTHER INFORMATION

Department Issuing SDS Health and Safety

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