

# Material Safety Data Sheet: SPILL SHARK WATER ADVANCED, MM

Supersedes Date 02/12/2013

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** SPILL SHARK WATER ADVANCED, MM  
**Recommended use** Absorbent  
**Information on Manufacturer**  
CHEMSEARCH DIV. OF NCH CORP.  
BOX 152170  
IRVING, TX 75015

**Product Code** 4402  
**Chemical nature** Polymers  
**Emergency Telephone Number**  
CHEMTREC® 800-424-9300

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

CAUTION

May cause eye irritation

May cause respiratory tract irritation

**Color** White

**Physical State** Solid

**Odor** Odorless

**Potential Health Effects**

**Principle Route of Exposure**

Skin contact, Eye contact, Inhalation.

**Primary Routes of Entry**

None known

**Acute Effects**

**Eyes**

May cause eye irritation.

**Skin**

Low hazard for usual industrial or commercial handling.

**Inhalation**

May cause irritation of respiratory tract.

**Ingestion**

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Toxicity**

Repeated exposure may cause skin dryness or cracking. Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.

**Target Organ Effects**

None known

**Aggravated Medical Conditions**

Respiratory disorders

**Potential Environmental Effects**

See Section 12 for additional Ecological information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Sodium polyacrylate	9003-04-7

## 4. FIRST AID MEASURES

**General advice**

Avoid contact with skin, eyes and clothing. Avoid breathing dust.

**Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

**Skin Contact**

Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

**Inhalation**

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

**Ingestion**

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.

**Notes to physician**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Flash Point**

Does not flash

**Method**

Not applicable

**Autoignition Temperature** No information available.

**Flammability Limits in Air %** Dust explosion properties.

**Upper** No data available

**Lower** No data available

**Suitable Extinguishing Media**

Water spray. Foam. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific hazards arising from the chemical**

Material can create slippery conditions.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA**

**Health** 1

**Flammability** 1

**Instability** 0

**HMIS**

**Health** 1

**Flammability** 1

**Instability** 0

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Ensure adequate ventilation. Material can create slippery conditions.
<b>Environmental Precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for Containment</b>	Cover powder spill with plastic sheet or tarp to minimize spreading
<b>Methods for Cleaning Up</b>	Pick up and arrange disposal without creating dust.
<b>Neutralizing Agent</b>	Not applicable.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing dust.			
<b>Storage</b>	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.			
<b>Storage Temperature</b>	<b>Minimum</b>	35 °F / 2 °C	<b>Maximum</b>	120 °F / 49 °C
<b>Storage Conditions</b>	<b>Indoor</b>	X	<b>Outdoor</b>	<b>Heated</b> <b>Refrigerated</b>

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Sodium polyacrylate	3 mg/m <sup>3</sup> PNOS	5 mg/m <sup>3</sup> PNOR	No data available

**Engineering Measures**      Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

## Personal Protective Equipment

## Eye/Face Protection

Safety glasses with side-shields.

## Skin Protection

For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.

## Respiratory Protection

In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

## General Hygiene Considerations

Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Solid	<b>Viscosity</b>	Granular
<b>Color</b>	White	<b>Odor</b>	Odorless
<b>Appearance</b>	Opaque	<b>pH</b>	5.7-7 (1% in water)
<b>Specific Gravity</b>	0.7	<b>Bulk Density (lb/cu ft)</b>	43.68
<b>Evaporation Rate</b>	<1 (Butyl acetate=1)	<b>Percent Volatile (Volume)</b>	0
<b>VOC Content (%)</b>	0	<b>VOC Content (g/L)</b>	0
<b>Vapor Pressure</b>	10 mmHg @ 70°F	<b>Vapor Density</b>	Not applicable
<b>Solubility</b>	Insoluble	<b>Boiling Point/Range</b>	No data available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Avoid dust formation
<b>Incompatible Products</b>	Strong oxidizing agents, Acids, Bases.
<b>Hazardous Decomposition Products</b>	Carbon oxides, Hydrocarbons.
<b>Possibility of Hazardous Reactions</b>	None under normal processing

## 11. TOXICOLOGICAL INFORMATION

## Product Information

<b>LD50 Oral</b> LD50 Oral rat >2000 mg/kg	<b>LD50 Dermal</b> LD50 Dermal rabbit >2000 mg/kg
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## Component Information

## Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Sodium polyacrylate	5000 mg/kg	2000 mg/kg	no data available	no data available	no data available

## Chronic Toxicity

None known

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Sodium polyacrylate	no data available	no data available	no data available	no data available	no data available

**Carcinogenicity**

There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Sodium polyacrylate	not applicable	not applicable	not applicable	not applicable	not applicable

**12. ECOLOGICAL INFORMATION**

## Product Information

Toxicity to algae	Daphnia magna (Water flea)
EC50 mg/L 72 h >100	EC50 (48h) >100 mg/l

## Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Sodium polyacrylate	no data available	no data available	no data available	no data available	N/A

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility**

No information available.

**13. DISPOSAL CONSIDERATIONS****Product Disposal**

Dispose of contents/container in accordance with local regulation.

**Container Disposal**

Empty containers should be taken for local recycling, recovery, or waste disposal.

**14. TRANSPORT INFORMATION**

DOT Not regulated

TDG Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

**15. REGULATORY INFORMATION**

## Inventories

## TSCA

Complies

## DSL

Complies

## U.S. Federal Regulations

## SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

## SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	No	No	No

## CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Sodium polyacrylate	Not applicable	Not applicable

## Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

## WHMIS Hazard Class

D2B Toxic materials

**16. OTHER INFORMATION**

Prepared By Adrienne McKee  
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Reason for Revision No information available.  
Glossary No information available.  
List of References. No information available.

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