

Safety Data Sheet

*** Section 1 – Chemical Product and Company Identification ***

Product Name: WKR 8

Chemical Name: Sodium Polyacrylate

Manufacturer Information

Stewart Superabsorbents LLC 1954 Main Avenue SE Hickory, NC 28602 USA	Non-Emergency # 828-855-9316 Emergency # (828) 855-9316
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General Comments

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire exposure, or accident involving the product. All non-emergency questions should be directed to the customer service number.

*** Section 2 – Hazards Identification ***

Emergency Overview

Faint yellow, water soluble, almost clear liquid. Handle as an irritant. Prevent release of concentrate to the environment.

Potential Health Effects: Eyes

This product is irritating to the eyes.

Potential Health Effects: Skin

May cause skin irritation.

Potential Health Effects: Ingestion

Not expected to be harmful by ingestion. However, it is advised that this product not be ingested. If symptomatic, seek medical advice.

Potential Health Effects: Inhalation

This product may cause irritation to the respiratory system.

HMIS Ratings: Health: 1 Fire: 0 Reactivity: 0 Pers. Prot.: J or X

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 – Composition / Information on Ingredients ***

CAS #	Component
9003-04-7	Sodium polyacrylate

Component Information/Information on Non-Hazardous Components

*** Section 4 – First Aid Measures ***

First Aid: Eyes

Flush immediately with water for at least 15 minutes. Do not rub eyes. Get medical attention if irritation persists.

First Aid: Skin

For skin contact, wash immediately with soap and water.

First Aid: Ingestion

If material is swallowed, get medical attention or advice.

First Aid: Inhalation

If inhaled, immediately remove the affected person to fresh air. Seek medical attention if symptoms persist.

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*** Section 5 – Fire Fighting Measures ***

General Fire Hazards

Method Used: PMCC

Flash Point: >212°F

Flammability Classification:

Hazardous Combustion Products

Carbon monoxide, carbon dioxide

Extinguishing Media

Dry chemical, foam, carbon dioxide, or water spray/fog.

Fire Fighting Equipment/Instructions

Fire fighting procedures require self-contained breathing apparatus and protective gear for any hostile fire.

*** Section 6 – Accidental Release Measures ***

Containment Procedures

Dike area to control runoff and collect spill in appropriate containers. Collect using suitable absorbent if needed. Shovel material into appropriate container for disposal. Flush residuals to the drain for normal biological treatment. Avoid disposal into wastewater treatment facilities without prior approval.

Clean-Up Procedures

Wear appropriate protective equipment and clothing during clean-up. Observe all applicable local, state and federal waste management regulations.

Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

Special Procedures

Surfaces may become slippery after spillage.

*** Section 7 – Handling and Storage ***

Handling Procedures

Handle as an irritant.

Storage Procedures

Keep the container tightly closed.

*** Section 8 – Exposure Controls/Personal Protection ***

Exposure Guidelines

A: General Product Information

B: Component Exposure Limits

No information is available.

Engineering Controls

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear chemical/splash goggles when handling concentrate.

Personal Protective Equipment: Skin

Use impervious gloves when handling the concentrate in the manufacturing environment.

Personal Protective Equipment: Respiratory

Personal Protective Equipment: General

Obey reasonable safety precautions and practice good housekeeping.

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*** Section 9 – Physical & Chemical Properties ***

Appearance:	Faint yellow, almost clear liquid.	Odor:	No data
Physical State:	Liquid	pH:	5.0-6.0
Vapor Pressure:	17.50 mmHg @ 68.00 °F/20 ° C	Vapor Density:	0.600 (AIR=1)
Boiling Point:	212°F	Melting Point:	N/A
Solubility (H2O)	soluble	Density:	1.220 g/cm3 @ 77 ° F/25 °C
Evaporation Rate:	No data	Flash Point:	Not applicable

*** Section 10 – Chemical Stability & Reactivity Information ***

Chemical Stability

The product is stable.

Chemical Stability: Conditions to Avoid

None

Incompatibility

None

Hazardous Decomposition

Hazardous polymerization will not occur.

*** Section 11 – Toxicological Information ***

Acute and Chronic Toxicity

A: General Product Information

Skin and eye irritant. May aggravate existing medical conditions such as rashes, allergies or other sensitive areas. Skin sensitization, characterized by redness, inflammation, itching and/or burning may result from prolonged or repeated contact with this material.

B: Acute Toxicity-LD50/LC50

Sodium polyacrylate (9003-04-7)

LD50: Oral LD50 Rat: >40 g/kg

Carcinogenicity

A: General Product Information

This material is not listed as a carcinogen by IARC, NTP or OSHA.

B: Component Carcinogenicity

No information is available.

*** Section 12 – Ecological Information ***

Ecotoxicity

Component Analysis - Ecotoxicity - Aquatic Toxicity

No information available,

Environmental Fate

This product is not expected to be readily biodegradable.

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*** Section 13 – Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

This product is not considered a hazardous waste under Federal Hazardous Waste Regulation 21CFR 261.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations

*** Section 14 – Transportation Information ***

International Transportation Regulations

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

*** Section 15 – Regulatory Information ***

US Federal Regulations

A: General Product Information

All components are on the U.S. EPA TSCA Inventory List. This product is not Federally regulated as a hazardous material. SARA 313 reportable toxic chemicals - None

B: Clean Air Act

No information is available.

C: Component Analysis

No information is available.

Component Analysis - State

None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Component Analysis - Inventory

Component	CAS#	TSCA	CAN	EEC
Sodium polyacrylate	9003-04-7	Yes	DSL	No

*** Section 16 – Other Information ***

Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

SDS History

This is a new SDS.

This is the end of SDS