

## MATERIAL SAFETY DATA SHEET

PRODUCT:

**Water Gel**

Date: June 17, 1999

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### 01- IDENTIFICATION OF THE PRODUCT/COMPANY

PRODUCT NAME: Water Gel

SUPPLIER: Steve Spangler, Inc., 4400 South Federal Blvd, Englewood,  
Colorado, 80110 303-798-2778  
Emergency Contact: Poison Control (800) 222-1222

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### 02- COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: Poly (sodium acrylate) homopolymer or sodium salt of polyacrylic  
acid

CAS No.: 9033-79-8

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### 03- HAZARDS IDENTIFICATION

This substance is not considered to be a health hazard. Inhalation may cause mild irritation of upper respiratory tract.

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### 04- FIRST AID MEASURES

SKIN CONTACT: Clean thoroughly with large amount of water

EYE CONTACT: Flush with water or approved eye wash and obtain medical  
assistance if irritation persists

INHALATION: Move to fresh air source. If discomfort continues, consult a  
physician.

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## 05- FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water  
Carbon Dioxide (CO<sub>2</sub>)  
Dry Chemical  
Halon

SPECIFIC HAZARDS: Very slippery when product is in contact with water

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## 06- ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION: Do not inhale. Do not ingest.

ENVIRONMENTAL PROTECTION:

METHOD FOR CLEANING UP: Collect material and avoid flushing with water if possible. Polymer becomes slippery if flushed with water.

Disposal: Waste can be gathered and disposed of in accordance with existing local, state and federal environmental regulations. Nonhazardous material suitable for approved solid waste landfills.

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## 07- HANDLING AND STORAGE

HANDLING PRECAUTIONS: Avoid eye contact. Avoid prolonged or repeated skin contact. Do not inhale. Do not ingest.

STORAGE CONDITIONS: Store in a cool, dry place. Close bags or container when not in use.

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## 08- EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust to remove airborne particles.  
Use high efficiency filter mask for dust particle levels above 0.05 mg/m<sub>3</sub>.

CONTROL PARAMETERS: 0.05 mg/m<sub>3</sub> recommended exposure limit (small, less 10 microns respirable polyacrylate). See section VI  
SARA Section 313 Reportable Toxic Chemicals – NONE

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## 09- PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White, Granular Powder
Bulk Density:	N/A, >1
Decomposition Point:	N/A
Solubility in H <sub>2</sub> O:	Insoluble, swells in water
Auto-ignition Temperature:	above 500°F

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## 10- STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Dusty conditions may irritate the eyes and respiratory system.

### HAZARDOUS DECOMPOSITION

PRODUCTS: Decomposes above 500°F

FURTHER INFORMATION: Swells in water

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## 11- TOXICOLOGICAL INFORMATION

Corrosiveness:	None
Acute Toxicity:	Inhalation may cause mild irritation of upper respiratory tract.
Skin Irritation:	Not irritating
Eye Irritation:	Moderate eye irritation due to effects all powders have on Conjunctivae

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## 12- DISPOSAL CONSIDERATIONS

Waste from residues/unused products: In accordance with federal, state and local regulations.

Contaminated packaging: Nonhazardous material suitable for approved solid waste landfills.

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IN CASE OF ACCIDENTAL INTAKE OF A CHEMICAL OR OBJECT, CALL **1-800-222-1222**.

This toll-free number will put you in touch with the poison control center in your state or call 911  
This safety information is for guidance and is based upon information and tests believed to be reliable.  
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