MATERIAL SAFETY DATA SHEET

PRODUCT: Water Gel Date: June 17, 1999

01- IDENTIFICATION OF THE PRODUCT/COMPANY

PRODUCT NAME: Water Gel
Emergency Contact: Poison Control (800) 222-1222

02- COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: Poly (sodium acrylate) homopolymer or sodium salt of polyacrylic acid
CAS No.: 9033-79-8

03- HAZARDS IDENTIFICATION

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

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.
05- FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISING MEDIA:  
- Water
- Carbon Dioxide ($\text{CO}_2$)
- Dry Chemical
- Halon

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

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.

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.
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/m³.

CONTROL PARAMETERS: 0.05 mg/m³ recommended exposure limit (small, less 10 microns respirable polyacrylate). See section VI SARA Section 313 Reportable Toxic Chemicals – NONE

09- PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: White, Granular Powder
- Bulk Density: N/A, >1
- Decomposition Point: N/A
- Solubility in H2O: Insoluble, swells in water
- Auto-ignition Temperature: above 500°F

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

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
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.

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. Steve Spangler Science makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. Steve Spangler Science assumes no legal responsibility for use or reliance upon this data.