FLINN SCIENTIFIC INC.

"Your Safer Source for Science Supplies"

SEACREST COUNTRY DAY SCHOOL
03-38895

MSDS #: 608.00

Revision Date: March 10, 2001

Material Safety Data Sheet (MSDS)

Section 1 — Chemical Product and Company Identification

Polyvinyl Alcohol

Flinn Scientific, Inc., P.O. Box 219, Batavia, IL 60510 (800) 452-1261
CHEMTREC Emergency Phone Number: (800) 424-9300

Section 2 — Composition, Information on Ingredients

Polyvinyl Alcohol

CAS#: 9002-89-5

Section 3 — Hazards Identification

White to cream colored powder. Odorless.
Substance not considered hazardous. However, not all health aspects of this substance have been thoroughly investigated.

Flinn At-A-Glance
Health-0
Flammability-0
Reactivity-0
Exposure-0
Storage-0
0 is low hazard, 3 is high hazard

Section 4 — First Aid Measures

Call a physician, seek medical attention for further treatment, observation and support after first aid.
Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.
Eye: Immediately flush with fresh water for 15 minutes.
External: Wash continuously with fresh water for 15 minutes.
Internal: Give large quantities of water. Call a physician or poison control at once.

Section 5 — Fire Fighting Measures

Combustible solid.
Fire Fighting Instructions: Use triclass, dry chemical fire extinguisher. Firefighters should wear PPE and SCBA with full facepiece operated in positive pressure mode.

NFPA Code
None established

Section 6 — Accidental Release Measures

Restrict unprotected personnel from area. Sweep up, place in sealed bag or container and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

Section 7 — Handling and Storage

Flinn Suggested Chemical Storage Pattern: Organic #2. Store with alcohols, glycols, amines and amides.

Section 8 — Exposure Controls, Personal Protection

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron.

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Section 9 — Physical and Chemical Properties

White to cream colored powder. Odorless.
Specific Gravity: 1.27-1.31
Synthetic polymer. Decomposes at 200 C.
Solubility: Soluble in hot water.
Formula: (CH2CHOH)x

Section 10 — Stability and Reactivity

Shelf Life: Indefinite.

Section 11 — Toxicological Information

Acute effects: N.A.
ORL-RAT LD50: >11000 mg/kg
IHL-RAT LC50: N.A.
SKN-RBT LD50: N.A.
Chronic effects: N.A.
Target organs: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

Section 12 — Ecological Information

Data not yet available.

Section 13 — Disposal Considerations

Please consult with state and local regulations.
Flinn Suggested Disposal Method #26a is one option.

Section 14 — Transport Information

Shipping Name: Not Regulated
Hazard Class: N/A
UN Number: N/A

N.A. = Not applicable

Section 15 — Regulatory Information

Not listed.

Section 16 — Other Information

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Consult your copy of the *Flinn Scientific Catalog/Reference Manual* for additional information about laboratory chemicals.

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