



J.L. INDUSTRIES
INCORPORATED

JL Industries
Saturn

MATERIAL SAFETY DATA SHEET

Emergency # (800) 424-3300

4251 Seminole Trail

Charlottesville, VA 22911 (804) 973-4361

Date: December 1999

SECTION 1 – NAME & HAZARD SUMMARY

Material name: AC-50 Wet Chemical Potassium Acetate Solution

Manufacturer: Badger Fire Protection, Inc. Phone (804) 973-4361

SECTION 2 - INGREDIENTS

OSHA PEL: N/A

ACGIH TLV: N/A

Other Exposure Limits: N/A

CAS No: N/A

Contains potassium acetate. Under federal hazard communication standard 29 CFR-1920. 1200 and current department of labor regulations potassium acetate is not a hazardous material.

SECTION 3 – PHYSICAL DATA

Boiling Point: Decomposes

Specific Gravity (H2O = 1): 1.57

Vapor Pressure (mm Hg): N/A

Vapor Density (Air = 1): N/A

Solubility in Water: 70% at 20°C – Appreciable

Reactivity in Water: N/A

Appearance and odor: Fine white crystals

Melting Point: 292°C

SECTION 4 – FIRE & EXPLOSION HAZARD

Flash Point: N/A **Method Used:** N/A

Flammable Limits in Air % by Volume: LEL Lower: N/A UEL Upper: N/A

Auto-Ignition Temp.: N/A

Extinguisher Media: Water, CO2, Dry Chemical

Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus. Use water spray to soak containers.

Unusual Fire and Explosion Hazards: When heated to decomposition may emit flammable or toxic fumes.

SECTION 5 – REACTIVITY DATA

Stability: Stable

Conditions to Avoid: N/A

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: N/A

SECTION 6 – HEALTH HAZARD ASSESSMENT

Acute: N/A

Chronic: Excessive inhalation of dust may irritate respiratory tract. Contact with the skin may cause mild irritation.

Ingestion may irritate gastro intestinal tract.

Signs and Symptoms of Exposure: **Ingestion:** Tends to induce spontaneous vomiting as with any potassium salt. Ingestion of large amounts can cause seizures, disturbance of cardiac rhythm, and respiratory failure.

Medical Conditions Generally Aggravated by Exposure: Pre-existing respiratory ailments.

Chemical Listed as Carcinogen or Potential Carcinogen: National Toxicology Program: No

I.A.R.C.: No **OSHA:** No

Emergency and First Aid Procedures: Eyes – promptly flush with plenty of water. Skin – wash with soap and water. Ingestion – if conscious give victim (2) or more glasses of water. Seek medical attention for eyes or ingestion.

Routes of Entry: 1. **Inhalation:** Yes 2. **Eyes:** Yes 3. **Skin:** Yes 4. **Ingestion:** Yes

Wet Chemical Charge continued:

SECTION 7 – SPILL OR LEAK PROCEDURES

Precautions to be taken in Handling and Storage: Store in a cool dry place. Keep containers closed.

Other Precautions: Use good personal hygiene and good housekeeping practices.

Steps to be taken in case Material is Released or Spilled: Promptly shovel powder into clean empty drums. Flush residue with plenty of water.

Waste Disposal Methods: Dispose of in secure solid waste approved land fill, in compliance with federal, state, and local regulations.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory Protection: Ventilation: Mechanical (General): Usually natural is adequate in absence of dust.

Special: None

Other: N/A

Local Exhaust: Recommended if dusty.

Protective Gloves: Rubber or Plastic

Eye Protection: Dust goggles

Other Protective Clothing or Equipment: Long sleeved shirt and trousers.

Work/Hygienic Practices: Avoid contact with eyes and skin.

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