

Wet Chemical

MATERIAL SAFETY DATA SHEET

Emergency # (800) 424-9300

4251 Seminole Trail

Charlottesville, VA 22911 (434) 973-4361

Date: September, 2001

SECTION 1 - NAME & HAZARD SUMMARY

Material Name: AC-50 Wet Chemical Potassium Acetate Solution

Manufacturer: Badger Fire Protection. Phone (434) 973-4361

SECTION 2 - INGREDIENTS

OSHA PEL: NA ACGIH TLV: NA Other Exposure Limits: NA CAS No: NA

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 Hq): NA

Vapor Density (Air = 1): NAsolubility in water: 70% at 20 degrees C. - Appreciable Reactivity in Water: NA

Appearance and Odor: Fine white crystals Melting Point: 292 degrees Celsius

SECTION 4 - FIRE & EXPLOSION HAZARD

Flash Point : NA Method Used: NA Flammable Limits in Air % by Volume: LEL Lower: NA UEL Upper: NA

Auto-Ignition Temp.: NA 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: NA Hazardous polymerization: Will not occur. Conditions to Avoid: NA

SECTION 6 - HEALTH HAZARD ASSESSMENT

Acute: NA 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 two 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

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: NA. 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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