



# Badger Fire Protection

A Kidde Company

1394 S. Third Street

Mebane, NC 27302

(919) 563-5911

## MATERIAL SAFETY DATA SHEET Class K Fire Extinguisher Wet Charge

### SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name / Label Name:	Class K Extinguisher Wet Charge
CAS Number:	Mixture
Chemical Name / Family	Potassium Acetate and Water Solution
Manufacturer's Name:	Badger Fire Protection
Address:	1394 S. Third Street Mebane, NC 27302
Business phone / Fax:	(919) 563-5911 / (800) 547-2111
Date of preparation:	November 21, 2005
Revision Date:	March 28, 2006
24 Hour Emergency Contact:	Chemtrec 1-800-424-9300 Domestic Chemtrec 1-703-527-3887 International

### SECTION 2 – COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS N°	% w/w	OSHA PEL mg/m <sup>3</sup>	ACGIH TLV mg/m <sup>3</sup>	TOXICITY DATA
Potassium Acetate Powder	127-08-2	35-45%	N/A	N/A	N/A
Water	7732-18-5	55-65%	N/A	N/A	N/A

### SECTION 3 – PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling point, °C:	100° C (for water)	Specific gravity (H <sub>2</sub> O=1)	1.19 – 1.24	Viscosity @ 20°C:	N/A
Vapor pressure, mm Hg:	N/A	Percent volatile by volume:	N/A	Melting point, °C:	N/A
Vapor Density (Air = 1)	N/A	Evaporation rate (Butyl acetate=1)	N/A	Solubility in water: (Vol./Vol. At 68°F (20°C)	Freely
Reactivity in water:	N/A	Appearance and odor:	Clear liquid. May contain blue dye.		

### SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash point:	N/A	Flammable limits in air, % by volume	N/A	Auto-ignition temperature:	N/A
Extinguishing media:	N/A				
Unusual fire and explosion hazards:	N/A				

<b>Special fire fighting procedures:</b>	Wear NIOSH approved self-contained breathing apparatus. Use water spray to soak containers.
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### SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)

<b>Stability:</b>	Stable	<b>Conditions to avoid:</b>	N/A	<b>Hazardous polymerization:</b>	Will not occur
<b>Incompatibility (materials to avoid):</b>	N/A				
<b>Hazardous decomposition products:</b>	N/a				

### SECTION 6 – HEALTH HAZARD DATA

<b>Threshold limit value:</b>	N/A				
<b>Routes of entry:</b>	<b>Inhalation:</b> Possible with ensuing irritation <b>Eye contact:</b> Possible with ensuing irritation <b>Skin contact:</b> Possible with ensuing irritation <b>Ingestion:</b> Possible with ensuing irritation				
<b>Signs and symptoms of overexposure:</b>	<b>Acute:</b> Irritant <b>Chronic:</b> N/A				
<b>Medical conditions generally aggravated by exposure:</b>	Irritation of respiratory tract.				
<b>Chemical listed as carcinogen or potential:</b>	NTP program: No          IARC monographs: No          OSHA: No				
<b>Emergency and first aid procedures:</b>	<b>Eye contact:</b> Flush and irrigate eyes with water for 15 minutes. Seek medical attention <b>Skin contact:</b> Wash with soap and water. <b>Inhalation:</b> Seek fresh air. <b>Ingestion:</b> Seek medical attention.				

### SECTION 7 – SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

<b>Precautions to be taken in handling and storage:</b>	Store in cool dry place. Keep containers closed.
<b>Other precautions:</b>	Use good personal hygiene and good housekeeping practices.
<b>Steps to be taken in case materials is released or spilled:</b>	Dike spill and pump to clean container. Flush area with water.
<b>Waste disposal method (consult Federal, State &amp; Local Regulations):</b>	In accordance with all federal, state, and local regulations.

### SECTION 8 – SPECIAL PROTECTION INFORMATION

<b>Respiratory protection:</b>	Generally not required. However, wear NIOSH approved respirator in misting conditions.
<b>Ventilation:</b>	N/A; Local exhaust if misting
<b>Protective gloves:</b>	Rubber or plastic gloves
<b>Eye protection:</b>	Safety glasses or goggles
<b>Other protective equipment:</b>	Aprons and sleeves, if there is risk of splashing hazard
<b>Work / Hygienic practices:</b>	Use good personal hygiene. Avoid contact with eyes and skin.

**HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS**

<b>HEALTH:</b>	<b>1</b>	<b>FLAMMABILITY:</b>	<b>0</b>	<b>REACTIVITY:</b>	<b>0</b>
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**HAZARD INDEX:**

0 Minimal hazard, 1 Slight hazard, 2 Moderate hazard, 3 Serious hazard, 4 Severe hazard

**SHIPPING INFORMATION**

<b>DOT Shipping Name:</b>	<b>Consult regulations</b>	<b>DOT Hazard Class:</b>	
<b>DOT ID Number:</b>		<b>Packing Group:</b>	<b>N/A</b>

**GENERAL KEYS:**

N/A: Not applicable.

N/D: Not determined

NDA: No data available.

The information herein is given in good faith. It is based on available data and is believed to be true and accurate, but no warranty, expressed or implied, is made. Therefore, Badger Fire Protection, assumes NO responsibility for damage or injury from the use of the product described herein.

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Mebane, NC 27302

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## MATERIAL SAFETY DATA SHEET Class K Fire Extinguisher Dry Charge

### SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name / Label Name:	Class K Fire Extinguisher Dry Charge
CAS Number:	127-08-2
Chemical Name / Family	Potassium Acetate Powder
Manufacturer's Name:	Badger Fire Protection
Address:	1394 S. Third Street Mebane, NC 27302
Business phone / Fax:	(919) 563-5911 / (800) 547-2111
Date of preparation:	December 8, 2005
Revision Date:	March 28, 2006
24 Hour Emergency Contact:	Chemtrec 1-800-424-9300 Domestic Chemtrec 1-703-527-3887 International

### SECTION 2 – COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS N°	% w/w	OSHA PEL mg/m <sup>3</sup>	ACGIH TLV mg/m <sup>3</sup>	TOXICITY DATA
Potassium Acetate Powder	127-08-2	N/A	N/A	N/A	N/A

### SECTION 3 – PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling point, °C:	Decomposes	Specific gravity (H <sub>2</sub> O=1)	1.57	Viscosity @ 20°C:	N/A
Vapor pressure, mm Hg:	N/A	Percent volatile by volume:	N/A	Melting point, °C:	292 °C
Vapor Density (Air = 1)	N/A	Evaporation rate (Butyl acetate=1)	N/A	Solubility in water: (Vol./Vol. At 68°F (20°C)	1 gm in .5 ml
Reactivity in water:	N/A	Appearance and odor:	White Powder		

### SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash point:	N/A	Flammable limits in air, % by volume	N/A	Auto-ignition temperature:	N/A
Extinguishing media:	N/A				
Unusual fire and explosion hazards:	N/A				
Special fire fighting procedures:	Wear NIOSH approved self-contained breathing apparatus.				

### SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)

<b>Stability:</b>	Stable	<b>Conditions to avoid:</b>	N/A	<b>Hazardous polymerization:</b>	Will not occur
<b>Incompatibility (materials to avoid):</b>	Incompatible with strong oxidizing agents.				
<b>Hazardous decomposition products:</b>	Carbon Monoxide				

### SECTION 6 – HEALTH HAZARD DATA

<b>Threshold limit value:</b>	N/A				
<b>Routes of entry:</b>	<b>Inhalation:</b> Possible with ensuing irritation <b>Eye contact:</b> Possible with ensuing irritation <b>Skin contact:</b> Possible with ensuing irritation <b>Ingestion:</b> Possible with ensuing irritation				
<b>Signs and symptoms of overexposure:</b>	<b>Acute:</b> Irritant <b>Chronic:</b> N/A				
<b>Medical conditions generally aggravated by exposure:</b>	Irritation of respiratory tract.				
<b>Chemical listed as carcinogen or potential:</b>	NTP program: No          IARC monographs: No          OSHA: No				
<b>Emergency and first aid procedures:</b>	<b>Eye contact:</b> Flush and irrigate eyes with water for 15 minutes. Seek medical attention <b>Skin contact:</b> Wash with soap and water. <b>Inhalation:</b> Seek fresh air. <b>Ingestion:</b> Seek medical attention.				

### SECTION 7 – SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

<b>Precautions to be taken in handling and storage:</b>	Store in cool dry place. Keep containers closed.
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<b>Steps to be taken in case materials is released or spilled:</b>	Dike spill and pump to clean container. Flush area with water.
<b>Waste disposal method (consult Federal, State &amp; Local Regulations):</b>	In accordance with all federal, state, and local regulations.

### SECTION 8 – SPECIAL PROTECTION INFORMATION

<b>Respiratory protection:</b>	Generally not required. However, wear NIOSH approved respirator in misting conditions.
<b>Ventilation:</b>	N/A; Local exhaust if dusty
<b>Protective gloves:</b>	Rubber or plastic gloves
<b>Eye protection:</b>	Safety glasses or goggles
<b>Other protective equipment:</b>	Aprons and sleeves, if there is risk of splashing hazard
<b>Work / Hygienic practices:</b>	Use good personal hygiene. Avoid contact with eyes and skin.

**HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS**

<b>HEALTH:</b>	<b>1</b>	<b>FLAMMABILITY:</b>	<b>0</b>	<b>REACTIVITY:</b>	<b>0</b>
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