Walter Kidde Portable Equipment Inc.
1394 South Third Street
Mebane, NC 27302
919-304-5911

MATERIAL SAFETY DATA SHEET
Kidde BC Fire Extinguisher

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name / Label Name:	Kidde BC Fire Extinguisher
CAS Number:	N/A
Chemical Name / Family	N/A It is a mixture
Synonyms:	BCM Fire extinguishing powder REGULAR STEARATED dry chemical powder
Manufacturer's Name:	Kidde - Residential & Commercial
Address:	1394 South Third Street, Mebane, NC 27302
Business phone / Fax:	919-563-5911 / 1-800-547-2111
24 Hour Emergency Contact:	Chemtrec 1-800-424-9300
Date of preparation:	January 3, 2002
Revision Date:	February 16, 2005

SECTION 2 – COMPOSITION AND INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS N°	% w/w	OSHA PEL mg/m^3	ACGIH TLV mg/m^3	TOXICITY DATA
Sodium bicarbonate	144-55-8	90 – 94	NONE	15	NONE
Mica	12001-26-2	2 – 5	5	10	NONE
Attapulgus clay	8031-18-3	0 – 2	NONE	NONE	NONE
Amorphous silica	7631-86-9	0.1 – 0.5	6	10	NONE
Calcium Stearate	66071-81-6	1 – 3	NONE	NONE	NONE

SECTION 3 – PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling point, °C:	N/A	**Specific gravity (H_20=1)**	ABOUT 2.3	**Viscosity @ 20°C:**	N/A
Vapor pressure, mm Hg:	N/A	**Percent volatile by volume:**	N/A	**Melting point, °C:**	270
Vapor density (Air=1):	N/A	**Evaporation rate (Butyl acetate=1)**	N/A	**Solubility in water:**	16.4 g/100g
Reactivity in water:	Unreactive	**Appearance and odor:**	Odorless, fine off 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 – The product is a fire extinguishing agent				
Unusual fire and explosion hazards:	NONE				
Special fire fighting procedures:	The material is a fire extinguishing agent and will not burn. However, if other materials are involved, use standard chemical fire fighting procedures and consider the hazards of those materials. In enclosed areas, fire fighters must wear self-contained breathing apparatus and full protective equipment.				

SECTION 5 – REACTIVITY DATA

Stability:	Stable	**Conditions to avoid:**	Extreme heat	**Hazardous polymerization:**	Will not occur
Incompatibility (materials to avoid):	Strong acids. Do not mix with ABC type dry chemical extinguishing agents.				
Hazardous decomposition products:	Carbon dioxide.				

SECTION 6 – HEALTH HAZARD DATA

Threshold limit value:	ACGIH TLV for particulates not otherwise classified: 10 mg/m^3 OSHA PEL for nuisance dust limit total: 15 mg/m^3
Routes of entry:	**Inhalation:** YES; may be irritant to the respiratory tract. **Eye contact:** YES; mildly irritant for a short period. **Skin contact:** YES; may be mildly irritating. **Ingestion:** NOT an expected route of entry.
Signs and symptoms of overexposure:	**Acute:** Transient cough, shortness of breath, irritation of airways. **Chronic:** This product is not known to cause chronic illness.
Medical conditions generally aggravated by exposure:	Asthma, emphysema, bronchitis or other respiratory illness.
Chemical listed as carcinogen or potential:	NTP program: No IARC monographs: No OSHA: No
Emergency and first aid procedures:	**Eye contact:** Flush with large amounts of water for at least 15 minutes. If irritation persists, seek medical attention. **Skin contact:** Wash with soap and water. If irritation persists, seek medical attention. **Inhalation:** Move victim to fresh air. Seek medical attention if discomfort continues. **Ingestion:** Rinse mouth, drink large amounts of water and induce vomiting. Seek medical help.

SECTION 7 – SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

Precautions to be taken in handling and storage:	Should be stored in original containers. Store in dry, cool, well-ventilated place away from acidic compounds. Wash after handling. Do not cut, grind, weld or drill on or near product containers. Treat empty containers as if they were full.
Other precautions:	Do not mix with acidic materials.
Steps to be taken in case materials is released or spilled:	Sweep up or vacuum. Store in covered containers. Do not reuse. In case of large spills, use rubber gloves, chemically resistant suit and boots, hard hat and air purifying respirator.
Waste disposal method:	Dispose of in compliance with local, state and federal regulations. Components are non hazardous, sanitary landfill disposal may be acceptable

SECTION 8 – SPECIAL PROTECTION INFORMATION	
Respiratory protection:	Dust mask where dustiness is prevalent or TLV exceeded. Mechanical filter respirator if exposure is prolonged.
Ventilation:	Use adequate ventilation. Use fan or vent to outside.
Protective gloves:	Wear rubber gloves for routine industrial use.
Eye protection:	Recommended as mechanical barrier for prolonged exposure. Safety glasses or chemical type goggles.
Other protective equipment:	If irritation occurs, long sleeves and impervious gloves should be worn.
Work / Hygienic practices:	Use good personal hygiene and good housekeeping practices. Avoid breathing of dust. Wash with soap and water.

SECTION 9 – REGULATORY INFORMATION		
HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS		
HEALTH: 1	**FLAMMABILITY:** 0	**REACTIVITY:** 0
HAZARD INDEX: 0 Minimal hazard; 1 Slight hazard; 2 Moderate hazard; 3 Serious hazard; 4 Severe hazard		

SHIPPING INFORMATION			
DOT Shipping Name:	**Fire Extinguishers**	**DOT Hazard Class:**	**2.2 (Nonflammable Compressed Gas)**
DOT ID Number:	**UN1044**	**Packing Group:**	**N/A**

GENERAL KEYS:

N/A: Not applicable.
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, *Walter Kidde Portable Equipment Inc.* assumes NO responsibility for damage or injury from the use of the product described herein.