



# Kidde Safety

## ABC Material Safety Data Sheet

Date Of Preparation : <u>06-29-98</u> Supersedes : <u>06-01-98</u> Prepared By : <u>M. D. Brown</u>	<b>H.M.L.S. Ratings</b> Minimal <u>    </u> 0 Slight <u>    </u> 1 Moderate <u>   </u> 2 Serious <u>    </u> 3 Severe <u>    </u> 4	<b>Type Hazard</b> Health Flammability Reactivity	<b>Rating</b> 1 0 0
---	--	--	------------------------------

**I. Product Identification** - Kidde ABC Dry Chemical Extinguisher CAS Number: NA

Fire Extinguisher : Kidde Safety Manufacture : 1394 South Third Street Mebane, N.C. 29302	Product Name: ABC Extinguisher ABC Dry Chem. Powder Fire Extinguishing Agent
Powder : <i>INDUSTRIAL DE FOSFATOS, S.A. DE C.V.</i> Manufacture : AV. DIVISION DEL GOLFO 3308 NORTE 87620 CD. VICTORIA, TAMAULIPAS MEXICO (131) 6-1690; Fax: (131) 3-0301	Emergency Telephone Number: <b>CHEMTREC 1-800-424-9300</b>

**II. Ingredients**

Compound, CAS Number	Weight % Approx.	Exposure Limits		Hazard
		OSHA PEL	ACGIH TVL	
Monoammonium Phosphate, 7722-76-1	55 - 90	None	None	None
Ammonium Sulfate, 7783-20-2	2 - 37	None	None	None
Mica, 12001-26-2	1 - 3	20 mppcf	.3 mg/ cm <sup>3</sup>	-
Attapulugus Clay, 8031-18-3	1 - 3	None	None	None
Amorphous Silica, 7631-86-9	0.5 - 2.5	-	10 mg/ cm <sup>3</sup>	None
Methylhydrogenpolysiloxane, 68037-59-2	0.3 - 1.0	None	None	None

Notes: TLV reported as 8-hour Time-Weighted average for respirable dust (nuisance dust)

**III. Physical /Chemical Characteristics**

Boiling Point, deg. C:	NA	Relative Density: @20/4 deg. C	NA	Viscosity @ 20 deg. C:	NA
Vapor Pressure, mm Hg @ 20 deg. C:	NA	Evaporation Rate (Butyl Acetate = 1)	NA	Melting Point, deg. C:	NA
Vapor Density (Air = 1):	NA			Decomposes	
Appearance and Odor: Odorless Fine Yellow Powder			Solubility in Water: Limited		



# ABC Material Safety Data Sheet

## IV. Fire And Explosion Hazard Data

Flash Point: NA

Autoignition Temperature: NA

Flammable limits in air: The product is nonflammable

Extinguishing Media: Not Applicable

Special Fire Fighting Procedures: The material is not combustible and will not burn.

However, use standard chemical fire fighting procedures and treat cylinder as a Nonflammable Compressed Gas Cylinder with the hazards of other involved materials. For fires in enclosed areas Fire Fighters must use self-contained breathing apparatus. Prevent runoff from fire control or dilution from entering streams or drinking water supply.

**Unusual Fire and Explosion Hazards:** Pressurized Nonflammable Compressed Gas Cylinder.

## V. Reactivity Data

Stability: Unstable		Stable	<input checked="" type="checkbox"/>	Conditions to avoid: Extreme Heat
------------------------	--	--------	-------------------------------------	-----------------------------------

Incompatibility (Materials to avoid) : Acidic and Ammonium Compounds

Hazardous Decomposition or Byproducts : Reaction with Acids releases Carbon Dioxide Gas and with Ammonium Compounds releases Ammonia Gas

Hazardous Polymerization : May Occur		Will Not Occur	<input checked="" type="checkbox"/>
--------------------------------------	--	----------------	-------------------------------------

Conditions to avoid: NOT APPLICABLE

## VI. Health Hazards

Routes of Entry:	Inhalation:	Yes	Skin/Eyes:	Yes	Ingestion:	No
------------------	-------------	-----	------------	-----	------------	----

Health Hazard ( Acute and Chronic)

Breathing dust may irritate the nose and throat and cause coughing and chest discomfort. Dust may irritate the eyes. Prolonged contact can produce slight to severe skin irritation.

Carcinogenicity:	NPT:	No	IARC:	No	OSHA:	No
------------------	------	----	-------	----	-------	----

This material is not considered to be a Carcinogen

Medical conditions generally aggravated by exposure:

Respiratory Disease including Asthma and Emphysema.

Skin sensitivity

Emergency and First Aid Procedures:

**Eye Contact:** Flush thoroughly with water for at least 15 minutes. Get medical assistance;

**Skin Contact:** Wash contact area with soap and water;

**Inhalation:** Remove from further exposure. If unconsciousness occurs, seek immediate medical assistance and call a Physician. If breathing has stopped, use mouth to mouth resuscitation;

**Ingestion:** Not expected to be a problem however, if greater than half liter (One Pint) ingested, immediately give 1 to 2 glasses of water and call Physician, Hospital Emergency Room or Poison Control Center for assistance. Do not induce vomiting or give anything by mouth to an unconscious person;

**Notes to Physician:** Symptomatic treatment only.



## ***ABC Material Safety Data Sheet***

---

### **VII. Precautions For Safe Handling And Use**

#### **Steps to be taken in case Material is released or spilled:**

Wear protective equipment including rubber boots rubber gloves, rubber apron and full-face piece or a half mask Air - Purifying Cartridge Respirator with particulate filters. Wear chemical goggles if a Half Mask is worn. **Caution:** When handling Fire Extinguisher which has accidentally discharged show care when handling and point extinguisher discharge nozzle away from the face area. For small spills sweep - up and dispose of in a DOT- Approved Waste Container. For large spills Shovel into DOT - Approved Waste Containers. Keep out of sewers, storm drains surface waters and soil. Comply with all applicable Government Regulations on spill reporting handling and disposal of waste.

#### **Waste Disposal Method:**

Dispose of Contaminated product and materials used in clean-up of spills or leaks in a manner approved for this material. Consult appropriate Federal State, and Local Regulatory Agencies to ascertain proper disposal procedures. **Note:** Empty Containers can have residues, gases, and mist and are subject to proper waste disposal, as above.

#### **Precautions To Be Taken Handling and Storing:**

Store in a cool, dry, well -ventilated place away from acidic and ammonium compounds. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Do not cut, grind, weld, or drill on or near product containers. Containers, even those that have been emptied, will retain residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

#### **Other Precautions:**

Report spills as required to appropriate authorities. U.S. Coast Guard Regulations require immediate reporting of spills that could reach any Waterway including intermittent dry creeks. Report spills to Coast Guard telephone number (800) 424 - 8802. In case of accident or road spill notify Chemtrec telephone number (800) 424-9300.

---

### **VIII. Control Measures**

#### **Respiratory Protection:**

Use dust respirator approved by NIOSH/MSHA schedule TC-84A for dusty conditions or if dust levels exceed established standards. No special requirements under ordinary conditions of use and with adequate ventilation.

**Ventilation:** Use in a well ventilated area.

**Protective Equipment:** Chemical type goggles, or Safety Glasses should be worn.

**Work/Hygiene Practices:** No special equipment required. However, good personal hygiene practices should always be followed.



## *ABC Material Safety Data Sheet*

---

### **IX. Regulatory Information**

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

**U.S. OSHA Hazard Communication Standard:** Product assessed in accordance with OSHA 20 CFR 1910.1200 and is determined hazardous due to cylinder being a pressurized vessel.

**RCRA Information:** The unused product in our opinion is not specifically listed by the EPA as hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity, and is not formulated with contaminants as determined by the toxicity characteristics leaching procedure (TCLP) however, used product may be regulated.

**U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:**  
This product contains no "Extremely Hazardous Substances"  
**SARA (311/312, formerly 302) Reportable Hazard Categories:** None  
**SARA (313) Toxic Release Program:** No reportable chemicals.

---

**Fire Extinguisher Data Prepared by:**  
M.D. Brown, Dir. Environmental Engineering  
Walter Kidde Portable Equipment Company  
1394 South Third Street  
Mebane N.C. 27302  
(919) 563-5911 Ext. 221  
Fax: (919) 563-4582

**Powder Product Data Supplied From MSDS by:**  
Quality Assurance Subdivision  
Av. Divison del Golfo 3308  
87019 Cd. Victoria, Tramps. Mexico  
(133) 6-03-02; 3-03-03; 3-03-04  
Fax: (131) 3-03-01

This product data is offered in good faith as typical and not as a product specification. The information contained herein is based on available data and is believed to be true and accurate. No warranty, expressed or implied, regarding the accuracy of this data, hazards connected with the use of the material, or the results to be obtained from the use thereof, are made. *Walter Kidde Portable Equipment Company nor Industrial De Fosfatos, S. A. DE C.V.* assumes no responsibility for damage or injury from the use of the product described herein.