

# **GABLES FLAME RETARDING**

**GABLES HOUSE  
ARTHINGWORTH ROAD  
DESBOROUGH  
NORTHANTS NN14 2LT**

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## **MATERIAL SAFETY DATA SHEET**

### **CONTRA-FLAME**

**OCTOBER 2005**

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-Codes: NA: not applicable ND:no data available NE: not established

**CHEMICAL CHARACTERIZATION:** A mixture of organic phosphonate ester acids and ammonium bromide salts.

**Form:** Liquid  
**Clarity:** Clear to slightly hazy  
**Colour:** Colourless to pale straw  
**Odour:** Wet: slight Dry: none

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**PHYSICAL DATA:**

**Boiling point:** 215-220 F  
**Specific gravity:** 1.05  
**Ph value:** 6.0-7.0  
**Solubility:** Miscible with water in all proportions  
**% Volatility:** 65  
**Flash point:** > 200 [tag closed cup]  
**Explosion limits:** NA  
**Ignition temperature:** NA  
**Evaporation rate:** Slight  
**Stability:** Stable  
**Incompatibility:** Avoid strong oxidisers  
**Hazardous thermal:** May produce Carbon Dioxide  
**Decomposition products:** Ammonium and Bromine compounds may form  
**Hazardous polymerisation:** Will not occur

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Transport UN NO	}
Imdg Code	} Not listed as a hazardous
ADR/RID	} substance
ICAO/IATA	

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**STORAGE and HANDLING:**

<b>Storage:</b>	Keep containers closed and away from heat, sparks and open flames. Keep from freezing. Store in cool dry area.
<b>Handling:</b>	Avoid inhalation of vapours or direct contact. Avoid breathing mist. Provide adequate ventilation. Wear gloves

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**PROTECTIVE MEASURES:**

<b>Respiratory protection:</b>	Gauze mask or similar
<b>Eyes:</b>	Goggles/safety glasses. Eye wash station
<b>Hands:</b>	Gloves – pvc,rubber or neoprene
<b>General:</b>	Overalls
<b>Industrial hygiene:</b>	No special precautions

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**ACCIDENTS and FIRES**

<b>Spillage disposal:</b>	Small spillages may be washed away with copious quantities of water to drain. Large spillages soak with granulated material or other suitable material and wash as above. Observe local and legal regulations.
<b>Extinguishing media:</b>	Water/fog, alcohol foam, carbon dioxide or dry chemical.
<b>Special fire fighting procedures:</b>	Use protective clothing and wear self-contained breathing apparatus

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