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## SECTION V - REACTIVITY DATA

Unstable  Conditions to Avoid:  
Stable

Incompatibility (Materials to Avoid): Bases & amines. Will dissolve into liquid caustic. Reacts with acid chlorides and anhydrides. Avoid strong oxidizers.

Hazardous Decomposition or By-products: Includes toxic fumes of carbon dioxide, carbon monoxide, hydrogen fluoride and fluorophosgene.

Hazardous Polymerization  May Occur  Will Not Occur  
Conditions To Avoid: NA

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## SECTION VI - HEALTH HAZARD DATA

Primary routes of entry:  Inhalation  Skin  Eyes  Oral

Acute Effects of Overexposure: To the best of our knowledge, the chemical physical & toxicological properties have not been thoroughly investigated. Rats exposed to bisphenol AF exhibited gastrointestinal, liver & urinary system changes.

Rat: Oral LD50 3400 mg/kg.

Chronic Effects of Overexposure: Possible mutagen. Mutation Data: hamster, micronucleus test, 50umol/L.

Primary routes of entry:  Inhalation  Skin  Eyes  Oral

Carcinogenicity listing:  NTP  IARC  OSHA  
 Other:

Exposure Limits/Toxicity: See also Section II

### First Aid

Inhalation: Remove to fresh air and give artificial respiration if necessary. Seek medical attention if necessary.

Skin: Wash affected area immediately for 15 minutes. Remove contaminated clothing and shoes. Seek medical help if needed.

Eye: Flush eyes with plenty of water for at least 15 minutes. Get immediate medical help.

Oral: If swallowed induce vomiting and get medical attention.

Medical Conditions Generally Aggravated by Exposure: Unknown.

Other Health Hazards: Bisphenol A, the non-fluorinated analog of Bisphenol AF has caused abnormalities in the development of mouse eggs at extremely low levels (ca 20 ppb). (Reference: Current Biology, 13, 546, 2003; C&EN April 7, 2003.)

Continued

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SECTION VII - PROTECTION INFORMATION

Respiratory: Avoid breathing dust. Wear an appropriate respirator if dusting occurs.

Ventilation: Adequate general ventilation.

Eye and Face: Safety glasses or goggles.

Gloves: Wear appropriate chemical resistant gloves.

Other equipment: Not normally required.

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SECTION VIII - SPILL, LEAK AND DISPOSAL PROCEDURES

Spill, Leak, or Release: Spills should be picked up and held in a bag or covered drum for disposal.

Waste Disposal: May be incinerated by licensed waste disposal company. Observe all federal, state or local regulations.

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SECTION IX - OTHER INFORMATION

US DOT (49CFR): Proper Shipping Name: Not regulated.  
(Domestic Only) Hazard Class: UN/NA Number:

IATA: Non-hazardous - Not regulated.

IMDG: Non-hazardous - Not regulated.

Other Information: Also known as 4,4-(hexafluoroisopropylidene)diphenol.

HMIS Labeling: H 1; F 0; R 0; PPE B

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REVISED: JANUARY 24, 2007