

# Safety Data Sheet

**Product:** FLAME RETARDANT BHF

**SDS No:** 06-1760A

## SECTION 1 : GENERAL INFORMATION



PIEDMONT CHEMICAL INDUSTRIES I, LLC  
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HIGH POINT, NC 27261

**Telephone** 336-885-5131  
**In case of emergency call chemtrec:** 1-800-424-9300  
**Outside of U.S.A.:** 001-703-527-3887  
**Date:** 4/7/2015

## SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the substance or mixture in accordance with 29 CFR 1910.1200 (OSHA HCS/GHS).

**Signal Word:** Warning



### GHS - Classification

Eye Damage/Irritation (Category 2B)  
Skin Corrosion/Irritation (Category 2)

### Hazard Statement(s)

H315 Causes skin irritation  
H320 Causes eye irritation

### Precautionary Statement(s)

P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/eye protection/protective clothing.  
P302 + P352 IF ON SKIN: Wash with plenty of water for at least 15 minutes or more while removing clothing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15 minutes or more. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical attention  
P501 Dispose of contents in container in accordance with local/state/federal/international regulations.

## SECTION 3 : COMPOSITION/ INFORMATION ON INGREDIENTS

| HAZARDOUS INGREDIENT | CAS# | PERCENTAGE |
|----------------------|------|------------|
|----------------------|------|------------|

SPECIFIC CHEMICAL NAME(S) AND CAS NUMBER(S) MAY BE A TRADE SECRET AS ALLOWED BY 29 CFR 1910.1200

## SECTION 4 : FIRST AID MEASURES

**EYES:** FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

**SKIN:** FLUSH EXPOSED AREAS WITH WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRER CLOTHES BEFORE REUSE.

**INGESTION:** IMMEDIATELY RINSE MOUTH AND THROAT THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION

**INHALATION:** IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR.

## SECTION 5 : FIRE FIGHTING MEASURES

**FLASH POINT:** >200

**EXTINGUISHING METHOD:** USE WATER, CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

**SPECIAL FIRE FIGHTING PROCEDURES:** NONE KNOWN

**UNUSUAL FIRE FIGHTING PROCEDURES:** NONE KNOWN.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Ensure adequate ventilation. Keep people away from and upwind of spill/leak.

**ENVIRONMENTAL PRECAUTIONS:** Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system. Advise water authority if spillage has entered water course or drainage system.

**METHODS FOR CLEAN UP:** Use mechanical handling equipment. Soak up with inert absorbent material( e.g. sand, silica gel, acid binder, universal binder, sawdust)

**SPILL:** VENTILATE AREA, PERSONS PERFORMING CLEAN-UP SHOULD WEAR ADEQUATE PROTECTION EQUIPMENT. CONTAIN MATERIAL BY DIKING THE AREA AROUND THE SPILL. IF THE PRODUCT IS IN A SOLID FORM, SHOVEL DIRECTLY INTO RECOVERY DRUMS. IF THE PRODUCT IS A LIQUID, IT SHOULD BE PICKED UP USING A SUITABLE ABSORBANT MATERIAL, THEN SHOVELED TO RECOVERY DRUMS. IF THE MATERIAL IS RELEASED INTO THE ENVIRONMENT, THE USER SHOULD DETERMINE WHETHER THE SPILL SHOULD BE REPORTED TO THE APPROPRIATE LOCAL, STATE AND FEDERAL AUTHORITIES.

## SECTION 7 : HANDLING AND STORAGE

**HANDLING AND STORAGE:** MATERIAL SHOULD BE STORED IN ITS OWN CONTAINER AND SHOULD ALWAYS BE KEPT COVERED WHEN NOT IN USE.

## SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION

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**ROUTES OF EXPOSURE:**EYES, SKIN, INGESTION

## SYMPTOMS OR ACUTE HEALTH HAZARDS

**EYES:** CAUSES EYE IRRITATION.

**SKIN:** PROLONGED CONTACT CAUSES IRRITATION.

**INGESTION:** MAY CAUSE GASTROINTESTINAL IRRITATION.

**INHALATION:**

**RESPIRATORY PROTECTION:** NONE NORMALLY NEEDED.

**VENTILATION:** USE SUFFICIENT MECHANICAL(GENERAL)OR LOCAL EXHAUST.

**PROTECTIVE EQUIPMENT:** GLOVES, APRON, GOGGLES

**WORK/ HYGIENIC PRACTICES:** AS WITH ALL INDUSTRIAL CHEMICALS, CARE SHOULD BE TAKEN TO AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. HANDS AND UNPROTECTED SKIN SHOULD BE THOROUGHLY WASHED AND CONTAMINATED CLOTHING SHOULD BE CHANGED PRIOR TO ANY DIRECT PERSONAL CONTACT. ALL EXPOSED CLOTHING SHOULD BE LAUNDERED PER NORMAL CARE INSTRUCTIONS BEFORE REUSE

## EXPOSURE LIMITS

## LIMITS

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

|                          |                        |                                   |         |
|--------------------------|------------------------|-----------------------------------|---------|
| <b>PH:</b>               | N/A AS IS              | <b>Evaporation Rate:</b>          | NO DATA |
| <b>SOLUBILITY:</b>       | SOLUBLE                | <b>Vapor Pressure:</b>            | >1      |
| <b>SPECIFIC GRAVITY:</b> | -1.28                  | <b>Vapor Density:</b>             | NO DATA |
| <b>APPEARANCE:</b>       | CLEAR COLORLESS LIQUID | <b>Auto Ignition Temperature:</b> | N.A     |
| <b>Bod:</b>              | NO DATA                | <b>LEL</b>                        | N.A     |
| <b>Cod:</b>              | NO DATA                | <b>UEL:</b>                       | N.A     |
| <b>Odor:</b>             | MILD                   | <b>VOC:</b>                       | NO DATA |
| <b>Odor Threshold:</b>   | NO DATA                | <b>FlashPoint:</b>                | >200    |
| <b>MeltingPoint:</b>     | NO DATA                | <b>BoilingPoint:</b>              | NO DATA |

## SECTION 10 : STABILITY AND REACTIVITY

**STABILITY:** STABLE

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**DECOMPOSITION PRODUCTS:** NOT ESTABLISHED

**CONDITIONS AND MATERIALS TO AVOID:** NONE KNOWN

## SECTION 11 : TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** LD50 RAT; >5000MG/KG; LC50RAT; >246MG/KG/1H

**Chronic Toxicity:** NO DATA

**Carcinogenicity:** NO DATA

**Target Organ Effects:** NO DATA

**This product has not yet been tested. The information is derived from the properties of the individual components.**

## SECTION 12 : ECOLOGICAL INFORMATION

**Ecotoxicity:** NO DATA

**Persistence Degradability:** NO DATA

**Bioaccumulation:** NO DATA

**Mobility:** NO DATA

**This product has not yet been tested. The information is derived from the properties of the individual components.**

## SECTION 13 : DISPOSAL CONSIDERATIONS

Disposal of this product should be made in accordance with federal state and local regulations.

## SECTION 14 : TRANSPORT INFORMATION

**TRANSPORTATION:** NOT REGULATED BY D.O.T.

## SECTION 15 : REGULATORY DATA

**TITLE III-SARA:** THE FOLLOWING DATA IS BEING SUPPLIED IN COMPLIANCE WITH TITLE III SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) PART 313 AND 40 CFR 372

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS FOUND ON THE SARA LIST IN 40 CFR 372.

**CALIFORNIA PROPOSITION 65:** CONTAINS NO MATERIALS KNOWN TO BE ON THE CALIFORNIA PROPOSITION 65 LIST.

**Listed on the following inventories:**

## SECTION 16 : OTHER INFORMATION

**Large Spill:** NA

**Fire:** NA

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**Other Info:**

## DISCLAIMER

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End of SDS