

Material Safety Data Sheet



Product: FA 101X (First Alert® Tundra™ Fire Suppressant - AF400)

MSDS No: 06-1753A

SECTION 1 GENERAL INFORMATION

Manufacturer: PIEDMONT CHEMICAL INDUSTRIES I, LLC
Address: 331 BURTON STREET
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: 4/6/2006

HMIS NFPA RATING

0 = LEAST 1 = SLIGHT 2 = MODERATE 3 = SEVERE 4 = EXTREME X = ASK SUPERVISOR

NCPA HMIS HAZARD RATING

HEALTH	2
FIRE	0
REACTION	0
PERSONAL PROTECTION	X

NFPA 704 DERIVED HAZARD RATING

HEALTH	2
FIRE	0
REACTION	0
OTHER	X

SECTION 2 HAZARDOUS INGREDIENTS

HAZARD CLASSIFICATION IRRITANT

HAZARDOUS INGREDIENT	CAS#	HAZAR	LIMITS
PROPANOIC ACID, 2-HYDROXY-,(S)- (C ₃ H ₆ O ₃)	79-33-4	SEE SECTION 6	20-35% (WGT)
POTASSIUM HYDROXIDE (KOH)	1310-58-3	SEE SECTION 6	25-40% (WGT)
POTASSIUM BICARBONATE (KHCO ₃)	298-14-6	SEE SECTION 6	15-25% (WGT)
POTASSIUM CARBONATE (K ₂ CO ₃)	584-08-7	SEE SECTION 6	05-20% (WGT)
WATER (H ₂ O)	N/A	N/A	05-20% (WGT)

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

SECTION 3 PHYSICAL DATA

PH: 10.5 - 11.0 (AS IS)
SOLUBILITY: CLEAR IN WATER
SPECIFIC GRAVITY: 1.253
APPEARANCE: CLEAR YELLOW LIQUID

SECTION 4 FIRE AND EXPLOSION DATA

FLASH POINT: NA
EXTINGUISHING METHOD: THIS PREPARATION IS AN EXTINGUISHING MEDIA.
SPECIAL FIRE FIGHTING PROCEDURES: THERE ARE NO EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS.
UNUSUAL FIRE FIGHTING PROCEDURES: NO SPECIAL PROTECTIVE EQUIPMENT IS NEEDED FOR FIRE FIGHTERS.
WEAR PROTECTIVE EQUIPMENT APPROPRIATE FOR THE FIRE CONDITIONS.

SECTION 5 REACTIVITY DATA

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
DECOMPOSITION PRODUCTS: NOT ESTABLISHED
CONDITIONS AND MATERIALS TO AVOID: NOT ESTABLISHED

SECTION 6 HEALTH HAZARD DATA

ROUTES OF EXPOSURE: EYES SKIN INGESTION INHALATION

SYMPTOMS OR ACUTE HEALTH HAZARD

EYES: MAY CAUSE EYE IRRITATION AND POSSIBLE BURNS
SKIN: CAUSES SKIN IRRITATION.
INGESTION: MAY BE HARMFUL IF SWALLOWED.
INHALATION: NONE CURRENTLY KNOWN.

ND = NOT DETERMINED NA = NOT APPLICABLE

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CHRONIC HEALTH HAZARDS SEE TOXICOLOGY SECTION.

CARCINOGENICITY: NTP ARC OSHA

FIRST AID

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.
SKIN: WASH EXPOSED AREAS WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER TO DILUTE. KEEP PATIENT WARM AND QUIET AND GET IMMEDIATE MEDICAL ATTENTION.
INHALATION: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND STORAGE

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.

WASTE DISPOSAL METHOD: CONSULT LOCAL, STATE, AND FEDERAL REGULATIONS BEFORE DISPOSAL OF THIS MATERIAL.

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

SECTION 8 PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: IF NEEDED, USE A NIOSH APPROVED RESPIRATOR.

VENTILATION USE SUFFICIENT MECHANICAL (GENERAL) OR LOCAL EXHAUST.

PROTECTIVE EQUIPMENT: GLOVES FACESHIELD APRON GOGGLES IMPERVIOUS COVERALLS

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

SECTION 9 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.

TRANSPORTATION: U.S. D.O.T. CONSUMER COMMODITY (AEROSOL) ORM-D LTD. QTY. EXEMPT.

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

SECTION 10 TOXICOLOGY

NO DATA AVAILABLE FOR CHRONIC OVEREXPOSURE

SECTION 11 EVACUATION

Large Spill: NA

Fire: NA

DISCLAIMER

THE INFORMATION GIVEN HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THIS COMPANY OR NOT. THE INFORMATION IS OFFERED SOLELY FOR YOUR CONSIDERATION. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT AND SUITABLE FOR THEIR NEEDS.

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