

KESEM TECHNOLOGIES, LLC

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MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

CEASEFIRE ADDITIVE

CHEMICAL NAME: Proprietary Mixture
CAS #: NJ Trade Secret – Registered
USE OR DESCRIPTION: Flame Retardant

TYPICAL CHEMICAL & PHYSICAL PROPERTIES

APPEARANCE: White
VISCOSITY: @ 100 F, SUS NA @ 40C, CS NA
@ 210 F, SUS NA @ 100 C, CS NA
ODOR: None
RELATIVE DENSITY: 15/4 C NE (3% Slurry)
SOLUBILITY: In Water: Approx 3 G/L pH: 7.0
MELTING POINT: 245 D
BOILING POINT: NA
POUR POINT: NA
FLASH POINT: NA
VAPOR PRESSURE: HG 20

NA = NOT APPLICABLE

NE = NOT ESTABLISHED

D = DECOMPOSES

INGREDIENTS

WT PCT	TLV (TWA)	MG/M3	PPM
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HAZARDOUS INGREDIENTS: None Known

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NA
FLAMMABLE LIMITS: LEL:NE UEL:NE
EXTINGUISHING MEDIA: Base upon other materials involved in fire.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should always use self-contained breathing apparatus when fighting a fire with chemicals involved.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:	Rinse with running water for 15 minutes. If irritation occurs, consult a physician.
SKIN CONTACT:	Wash with soap and water, rinse thoroughly. If irritation occurs, contact a physician. Remove contaminated clothing and wash before reuse.
INHALATION:	Not expected to be a problem.
INGESTION:	Drink a large quantity of water and consult a physician.

REACTIVITY DATA

STABILITY:	(THERMAL, LIGHT, ETC.) Stable
CONDITIONS TO AVOID:	None Known
INCOMPATIBILITY:	(MATERIALS TO AVOID) None Known
HAZ DECOMPOSITION PRODS:	NE
HAZ POLYMERIZATION:	Will not occur
CONDITIONS TO AVOID:	None known

SPILL OR LEAK PROCEDURE

ENVIRONMENTAL IMPACT: Report spills as required to appropriate authorities. Regulations require immediate reporting of spills that could reach any waterway, including intermittent dry creeks. Report spills to National Response Center Toll Free Number 800-424-8802. In case of accident or road spill, notify Chemtrec (800-424-9300).

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: Sweep/Shovel up spilled material. If contaminated as a result of spill, dispose of as waste.

WASTE MANAGEMENT: Dispose of at an authorized waste disposal facility in accordance with applicable current regulations and the existing condition of the product.

SPECIAL PROTECTION AS APPROPRIATE

EYE PROTECTION:	Safety Glasses/Face protection as appropriate
SKIN PROTECTION:	Work Gloves
RESPIRATORY PROTECTION:	Not required under normal conditions of use
VENTILATION:	As required to prevent dusting
OTHER:	Exercise good industrial hygiene

SPECIAL PRECAUTIONS

HANDLING:	Avoid generating dust
STORAGE:	None known

STORED MATERIALS MUST BE LABELED AS: EDAP

HEALTH HAZARD DATA

ACUTE HEALTH HAZARDS: None known; Possible allergic effects

CARCINOGENICITY: Listed: NTP: No IARC Monographs: No OSHA Regulated: No

SIGNS AND SYMPTOMS OF EXPOSURE: None known; Possible asthmatic or skin manifestations

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known; Possible allergic manifestations

SUBACUTE AND MUTAGENICITY (SUMMARY): None known.

CHRONIC OR SPECIALIZED (SUMMARY): None known.

TARGET ORGAN EFFECTS: None known.

OTHER DATA: This product is neutral and is not expected to be an irritant; allergic manifestations are possible, however.

EMERGENCY PHONE NO.: 973-465-4565

HAZARD WARNING: There is a possibility bicyclic phosphates or phosphites can be produced as a result of the thermal decomposition of this product in combination with trimethylol propane, trimethylol-derived products or their corresponding trimethylol alkane homologs. Bicyclic phosphates and phosphites are a class of materials with acute neurotoxic properties which produce characteristics convulsive seizures in test animals. Therefore, this product should not be used in conjunction with Trimethylol Propane or Trimethylol Propane-derived products.