

**ALKALINE CORPORATION**  
**ALLERSEARCH® LABORATORIES**  
**P.O. BOX 306**  
**OAKHURST, NEW JERSEY 07755-0306**  
**TEL 732-531-7830**  
**FAX 732-531-7160**

**ALLERSEARCH® X-MITE®**  
**MATERIAL SAFETY DATA SHEET**  
**(MSDS)**

**IMPORTANT INFORMATION - DO NOT DISCARD**

WE WILL SEND A CURRENT MSDS SHEET TO OUR CUSTOMERS ON THE FIRST SHIPMENT ONLY, UNLESS A SUBSTANTIAL REVISION OCCURS.

This information is believed to be accurate and represents the best information currently available to us. We however, make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. The statements contained herein are for informational purposes, and are intended to be followed by persons having related technical skills and at their own discretion and risk. Since conditions and manner of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with use of any of this information. The data in this MSDS relates only to the specific material designed herein, and do not relate to any use in combination with other materials or process.

---

**SECTION I - IDENTIFICATION SECTION:**

NAME OF PRODUCT:	ALLERSEARCH® X-MITE®
CHEMICAL NAME:	BENZYL TANNATE COMPLEX IN CELLULOSE AQUEOUS SLURRY.
CHEMICAL FAMILY:	ALCOHOLS & POLYPHENOLS
CAS REGISTRY NUMBER:	N/A, (MIXTURE)
DEPARTMENT OF TRANSPORTATION HAZARD CLASS:	NOT REGULATED
SHIPPING NAME:	ALLERSEARCH® X-MITE®
DISTRIBUTED BY:	ALKALINE CORPORATION P O BOX 306 OAKHURST, N.J. 07755
CONTACT PERSON:	MORTON GILBERT
TELEPHONE NUMBER:	732-531-7830
DATED:	June 1, 2009
FORMULA:	C <sub>76</sub> H <sub>52</sub> O <sub>46</sub> IN A CELLULOSE SLURRY MIXTURE

---

**SECTION II - HAZARDOUS INGREDIENTS:** NONE - NO CARCINOGENS

---

**SECTION III - PHYSICAL DATA:**

APPEARANCE:	WHITE COLORED MOIST POWDER SLURRY
ODOR:	SWEET & FAINT ROASTED ALMONDS ODOR
MELTING POINT:	N/A
DENSITY:	N/A
VAPOR DENSITY (AIR=1):	N/A
VAPOR PRESSURE (mm Hg):	N/A
EVAPORATION RATE:	N/A
BOILING POINT:	N/A
SOLUBILITY IN WATER:	COMPLETE

---

**SECTION IV - FIRE AND EXPLOSION DATA:**

FLASH POINT:	N/A
FLASH IGNITION TEMPERATURE:	N/A
METHOD:	N/A
FIRE AND EXPLOSION HAZARDS:	NOT CONSIDERED A FIRE OR EXPLOSION HAZARD
FIRE EXTINGUISHING MEDIA:	USE ANY MEANS SUITABLE FOR EXTINGUISHING ANY FIRE.
SPECIAL FIRE FIGHTING INSTRUCTIONS:	WEAR PROTECTIVE CLOTHING.
HAZARDOUS REACTIVITY:	NONE
CONDITIONS TO AVOID:	NONE
MATERIALS TO AVOID:	NONE
HAZARDOUS COMBUSTION & DECOMPOSITION PRODUCTS:	CARBON DIOXIDE AND CARBON MONOXIDE MAY FORM WHEN PRODUCT IS DRIED BY HEAT TO DECOMPOSITION.

---

**SECTION V - HEALTH AND HAZARD DATA:**

ACUTE EFFECTS OF EXPOSURE: EMERGENCY FIRST AID PROCEDURES: INGESTION (SWALLOWING):	N/APRODUCT EXHIBITS NO ADVERSE EFFECTS CONSIDERED NON TOXIC. MAY CAUSE SOME GASTRO- INTESTINAL DISCOMFORT DUE TO IRRITANT AND ASTRINGENT ACTION.
INHALATION (BREATHING):	COUGHING AND SNEEZING WITH POSSIBLE BREATHING DIFFICULTY AT HIGH CONCENTRATIONS.
SKIN CONTACT:	MILD IRRITANT AND ASTRINGENT. MAY CAUSE INFLAMMATION ON PROLONGED CONTACT.
EYE CONTACT:	MILD IRRITANT. CAN CAUSE REDDENING AND TEARING, WITH POSSIBLE PAIN AND BLURRING OF VISION.
CHRONIC EXPOSURE EFFECTS:	PATHOLOGICAL EXPERIMENTS WITH ANIMALS SHOW GASTRITIS.
AGGRAVATION OF PRE-EXISTING CONDITIONS:	SKIN OR EYE DISORDERS, IMPAIRED KIDNEYS, LIVER, OR RESPIRATORY FUNCTION IMPAIRMENT MAY BE MORE SUSCEPTIBLE TO EFFECTS OF THIS SUBSTANCE.
THRESHOLD UNIT VALUE: INGESTION (SWALLOWING):	N/A IF INGESTED IN LARGE AMOUNTS, DRINK SEVERAL GLASSES OF MILK TO DEACTIVATE PRODUCT AND CALL A PHYSICIAN.
INHALATION (BREATHING):	AVOID FURTHER INHALATION BY MOVING TO FRESH AIR, GET MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY.
SKIN EXPOSURE:	REMOVE EXPOSED CLOTHING. WASH SKIN WITH MILD SOAP AND WATER FOR AT LEAST 5 MINUTES, GET MEDICAL ATTENTION IF SKIN IRRITATION DEVELOPS OR PERSISTS.
EYE CONTACT:	WASH EYES REPEATEDLY WITH WATER FOR AT LEAST 10 MINUTES, LIFT EYE LIDS, AND FLUSH WITH WATER, SEEK MEDICAL ATTENTION.
TOXICITY DATA: CARCINOGENIC.	INGREDIENTS ARE NOT KNOWN TO BE

---

**SECTION VI - REACTIVITY DATA:**

STABILITY:	STABLE UNDER NORMAL CONDITIONS, STORAGE, AND USE. WILL DARKEN ON EXPOSURE TO LIGHT. HYDROLYZED BY ACIDS, MOST ENZYMES, OR ALKALI TO SLURRY OF GALLIC & QUINIC ACID OR GLUCOSE.
HAZARDOUS DECOMPOSITION PRODUCTS: HAZARDOUS POLYMERIZATION: INCOMPATIBILITIES:	CARBON MONOXIDE AND CARBON DIOXIDE MAY FORM. DOES NOT POLYMERIZE. HEAVY METAL SALTS, STRONG OXIDIZING AGENTS, LIME, ALBUMIN, GELATIN, ALKALOIDS.

---

**SECTION VII - SPILL OR LEAK PROCEDURES:**

AQUATIC TOXICITY: SPILL, LEAK OR RELEASE:	N/A CLEANING PERSONNEL SHOULD WEAR APPROPRIATE PROTECTIVE CLOTHING. VACUUM SPILLED MATERIAL. PLACE SPILLED MATERIAL IN A CLOSED PLASTIC CONTAINER. SMALL AMOUNTS OF RESIDUE MAY BE FLUSHED TO SEWER WITH PLENTY OF WATER. ENSURE COMPLIANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.
WASTE DISPOSAL PROCEDURE:	COLLECTED WASTE MAY BE PLACED IN A CONTAINER AND DISPOSED OF IN AN APPROVED MANNER.

---

**SECTION VIII - OCCUPATIONAL CONTROL MEASURES:**

AIRBORNE EXPOSURE LIMITS: SKIN PROTECTION: EYE PROTECTION: VENTILATION SYSTEM:	NONE ESTABLISHED AVOID CONTACT WITH SKIN - WEAR CLOTHES AVOID CONTACT WITH EYES OR WEAR GOGGLES NO SPECIAL PROCESS NEEDED AFTER APPLICATION ACCORDING TO INSTRUCTIONS.
RESPIRATORY PROTECTION:	AVOID INHALING OR WEAR A DUST MASK

---

**SECTION IX - SPECIAL PRECAUTIONS:**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A CLOSED CONTAINER, STORED IN A COOL DARK, DRY AND VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE. THIS PRODUCT MAY CAUSE IRRITATION TO SKIN AND EYES. AVOID BREATHING VAPORS. WASH HANDS AND EXPOSED AREAS OF BODY AFTER HANDLING. IN CASE OF ACCIDENTAL CONTACT, WASH EXPOSED AREA WITH SOAP & WATER.

\*N/A MEANS NOT APPLICABLE