

MATERIAL SAFETY DATA SHEET

SANITEK PRODUCTS, INC.
3959 Goodwin Avenue
Los Angeles, CA 90039

REVISION DATE:

22-Oct-03

EMERGENCY PHONE NUMBERS: SANITEK (323) 245-6781

CHEMTEL, INC. (800) 255-3924

LEGEND: NE = Not established N/A = Not available

SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME: PINE DEODORANT CLEANER PRODUCT CODE 320
CHEMICAL NAME: MIXTURE
NFPA HAZARD RATING: HEALTH: 2 FIRE: 0 REACTIVITY: 0 SPECIAL: NONE
HAZARD SCALE: MINIMAL 0 SLIGHT 1 MODERATE 2 SERIOUS 3 SEVERE 4

SECTION II HAZARDOUS COMPONENTS

COMPONENT	CAS NUMBER	PEL	TLV	NIOSH
PINE OIL	8002-09-3	NE Dermal LD50 (rabbit): >2.0 g/kg	NE Oral LD50 (rats): >2.0 g/kg	NE
ISOPROPANOL	67-63-0	400ppm (TWA) 500ppm (STEL)	400ppm (TWA) 500ppm (STEL)	
ALKYLPHENOL ETHOXYLATE	9016-45-9	NE Dermal LD50 (rabbit): >2.0 g/kg	NE Oral LD50 (rat): 3.31 g/kg	NE

SECTION III PHYSICAL DATA

BOILING POINT (deg F):	NE	VAPOR DENSITY (AIR=1)	NE
VAPOR PRESSURE (mm Hg):	NE	WATER SOLUBILITY:	Miscible
SPECIFIC GRAVITY:	1.00	pH @ 20 deg F:	9 - 10
WATER REACTIVITY:	None	EVAP. RATE (H2O=1):	NE
DESCRIPTION: Clear golden brown liquid with pine oil odor		NON-VOLATILES (wt%):	17.5 - 18.5

SECTION IV FIRE AND EXPLOSION HAZARDS

FLASH POINT (deg F): None METHOD USED: N/A
FLAMMABLE LIMITS IN AIR: None AUTOIGNITION TEMP: None
EXTINGUISHING MEDIA: Water fog, dry chemical, foam, or CO₂
SPECIAL FIREFIGHTING PROCEDURES: None necessary
UNUSUAL FIRE OR EXPOSION HAZARDS: None expected

SECTION V HEALTH AND HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Eyes, skin, inhalation
OSHA, NTP, & IARC CARCINOGEN STATUS: Not listed
PROPOSITION 65: This product may contain residual amounts (0.2 ppm) of ethylene oxide (cas 75-21-8) known to the state of California to cause cancer or reproductive toxicity.

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EFFECTS OF OVEREXPOSURE:

INHALATION: Vapor causes irritation of the respiratory tract with coughing and chest discomfort. High concentrations of vapor may cause headache and drowsiness.

EYE CONTACT Eye irritation with possible stinging, discomfort, and/or pain. Potentially slow healing eye injury and blindness. Vapors may irritate eyes.

SKIN CONTACT Skin irritation with possible allergic skin reaction in persons sensitized to pine products.

SWALLOWED: Slightly toxic. May cause severe gastrointestinal irritation with nausea, vomiting and diarrhea. Vomiting may cause lung damage.

ACUTE HEALTH EFFECT: See above.

CHRONIC HEALTH EFFECTS: None expected.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing disorders of skin or eyes.

SARA HAZARD CATEGORY: An **immediate** health hazard

FIRST AID PROCEDURES:

INHALATION: Remove person to fresh air. Give artificial respiration if not breathing. Get **Immediate** Medical Attention.

EYE CONTACT Remove contact lenses and **immediately** flush eyes with lots of running water for 15 minutes, lifting the upper and lower eyelids continuously. Get immediate medical attention.

SKIN CONTACT Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Thoroughly wash clothing before reuse.

SWALLOWED: Give two glasses of water. **DO NOT** induce vomiting; keep victim's head below hips to prevent breathing vomitus into lungs which can be harmful or fatal. Never give anything by mouth to an unconscious person. Get **Immediate** Medical Attention.

NOTE TO PHYSICIAN Ingestion may cause damage to the esophageal mucosa which would contraindicate insertion of a nasogastric tube. Measures against circulatory shock and respiratory depression may be necessary.

SECTION VI

REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: None

CONDITIONS TO AVOID: Strong oxidizing agents or mineral acids.

INCOMPATIBILITY: None

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon; irritating aldehydes and ketones may be formed on burning.

SECTION VII

SPILL, LEAK, AND WASTE PROCEDURES

SPILL RESPONSE: Product is designed for cleaning. Mop up small spills and collect as much as possible. Flush trace amounts with water.

WASTE DISPOSAL METHODS: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate Federal, State, and Local regulatory agencies to ascertain proper disposal procedures. Trace residues can be diluted with water and used to clean the floor.

DISPOSAL OF EMPTY CONTAINERS: After triple-rinsing containers, either recondition or dispose of in manner consistent with applicable regulations.

SECTION VIII

SPECIAL PROTECTION DATA

VENTILATION: Use in well-ventilated area.

RESPIRATORY: Not required under normal use conditions.

EYES: Safety glasses should be worn during spraying operations.

GLOVES: Water impervious gloves should be worn if hand immersion is required.

OTHER: Not required under normal use conditions.

SECTION IX

SPECIAL PRECAUTIONS

HANDLING AND STORAGE: DO NOT TRANSFER MATERIAL TO UNLABELLED INTERMEDIATE CONTAINERS. Store away from heat and flames. Keep container closed. Use with adequate ventilation.

SECTION X

SHIPPING AND LABELLING DATA

DOT HAZARD CLASSIFICATION: Not regulated

PROPER DOT SHIPPING NAME: Compound, cleaning, liquid