

MATERIAL SAFETY DATA SHEET

SANITEK PRODUCTS, INC.
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REVISION DATE: 16-Dec-09

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: GLASS 501 CLEANER CONCENTRATE PRODUCT CODE: 9057
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
2-BUTOXYETHANOL	111-76-2	25ppm (skin)	25ppm (skin)	5ppm (10hr/day)
	LD50 (skin absorption-rabbits): 220mg/kg	Oral LD50 (rats): 470 mg/kg	LC50 (rats): 700ppm in 7 hours	
AMMONIA	7664-41-7	50ppm (TWA)	25ppm (TWA)	

SECTION III PHYSICAL DATA

BOILING POINT (deg F):	NE	VAPOR DENSITY (AIR=1)	>1 expected
VAPOR PRESSURE (mm Hg):	NE	WATER SOLUBILITY:	Complete
SPECIFIC GRAVITY:	0.995	pH @ 20 deg F:	~ 11
WATER REACTIVITY:	None	EVAP. RATE (H20=1):	>1
DESCRIPTION:	Dark blue liquid with ammonia/butyl odor		

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 CO ₂		
SPECIAL FIREFIGHTING PROCEDURES:	None necessary		
UNUSUAL FIRE OR EXPOSURE HAZARDS:	None expected		

SECTION V HEALTH AND HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Eyes, skin absorption, inhalation
OSHA, NTP, & IARC CARCINOGEN STATUS: Not listed
EFFECTS OF OVEREXPOSURE: Based upon 2-butoxyethanol

INHALATION: A single prolonged (hours) excessive inhalation exposure may cause adverse effects. Excessive exposure may cause irritation to upper respiratory tract. Observations in animals include blood and kidney effects.

EYE CONTACT: May cause moderate eye irritation and/or moderate corneal injury. Effects may be slow to heal. Vapors may irritate eyes.

SKIN CONTACT: Prolonged or repeated exposure may cause skin irritation. A single prolonged exposure may result in the material being absorbed in harmful amounts. Excessive exposure may cause hemolysis, thereby impairing the blood's ability to transport oxygen. Repeated minor exposure may result in absorption of harmful amounts.

SWALLOWED: Single oral dose toxicity for 2-butoxyethanol is considered to be moderate. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

SYSTEMIC EFFECTS: Observations in animals include blood and kidney effects.

BIRTH DEFECTS: Birth defects are unlikely.

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ACUTE HEALTH EFFECTS: Acute lethal exposures of 2-butoxyethanol in animal studies have resulted in congestion of organs including lungs, kidney, and spleen.

CHRONIC HEALTH EFFECTS: Possible blood abnormalities; mild irreversible kidney and liver effects.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing disorders of skin, eyes, kidneys, spleen, and lungs.

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

FIRST AID PROCEDURES:

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

EYE CONTACT: **Immediately** flush eyes with lots of running water for 15 minutes, lifting the upper and lower eyelids occasionally. Get **Immediate** Medical Attention if irritation persists.

SKIN CONTACT: **Immediately** flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician if irritation persists. Wash clothing before reuse. Destroy contaminated shoes.

SWALLOWED: Give two glasses of water and 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: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

SECTION VI

REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: None

CONDITIONS TO AVOID: None

INCOMPATIBILITY: Oxidizers, acids, copper, aluminum, galvanized metals, gold, silver, and alloys of these metals.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen, ammonia gas

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: Not required under normal use conditions.

GLOVES: Not required under normal use conditions.

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.

SECTION X

SHIPPING AND LABELLING DATA

DOT HAZARD CLASSIFICATION: Not regulated

PROPER DOT SHIPPING NAME: Compound, cleaning, liquid