



**INDUSTRIES AIEEn
RESEARCH & DEVELOPMENT**

MATERIAL SAFETY DATA SHEET

HAZARD RATINGS	
HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
SPECIFIC	---

SECTION I. GENERAL DATA

COMPANY	TELEPHONE	FAX
White Cap Incorporated	(609) 267-8990	(609) 267-1923
ADDRESS		
5400 Delaware Avenue, Hainesport N.J., 08036, USA		

SECTION II. PRODUCT DATA

PRODUCT NAME	ANTIBACTERIAL XTRA PINE		
CHEMICAL NAME	MIXTURE		CAS NUMBER
SYNONYMS/ TRADE NAMES	NA		
APPLICATION	Pine oil cleaner disinfectant		

SECTION III. COMPOSITION / INGREDIENTS INFORMATION

HAZARDOUS INGREDIENTS	% P / V	CAS NUMBER	PERMISSIBLE UPPER LIMIT CPT/CCT/ P (ppm)	SPECIAL HAZARDS (TWA / TLV)
Isopropanol	<8.00	67-63-0	---	400 ppm
Pine oil	<6.00	8002-09-3	---	Not established
Potassium hydroxide solution	<2.00	1310-58-3	---	N/A

SECTION IV. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	clear liquid		
COLOR AND ODOR:	Amber in color with pine oil odor		
BOILING POINT (°F):	>200	MELTING O FREEZING POINT:	NA
FIRE POINT (° F):	NA	AUTO IGNITION TEMPERATURE (°F):	NA
DENSITY (g/ml):	0.99-1.01	VAPOR DENSITY:	NA
MOLECULAR WEIGHT:	NA	VOLATILITY:	NA
PERCENT VOLATILE 212°F :	<10	VAPOR PRESSURE (mmHg a 37.3°F):	NA
LOWER EXPLOSION LIMIT (%):	NA	UPPER EXPLOSION LIMIT (%):	NA
pH:	8.0-10.0	VISCOSITY (cps):	NA
SOLUBILITY IN WATER:	Complete		
SOLUBILITY IN OTHERS:	NA		

SECTION V. FIRE FIGHTING MEASURES

FLASH POINT °F	TEST METHOD
110	T. Closed cup
EXTINGUISHING MEDIA:	
WATER <input checked="" type="checkbox"/>	CO2 <input checked="" type="checkbox"/> FOAM <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> Dry chemicals
UNUSUAL FIRE AND EXPLOSION HAZARDS	
NA	
SPECIAL FIRE FIGHTING PROCEDURES	
Class B Fire	

CONDITIONS TO AVOID

NA

HAZARDOUS COMBUSTION PRODUCTS

Carbon oxides (CO₂, CO)

SECTION VI. REACTIVITY INFORMATION

STABILITY:

STABLE

UNSTABLE

CHEMICAL TO AVOID

NONE

WATER

ACIDS

ALKALIS

OXIDANTS

OTHER

Strong oxidizing agents

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

MAY OCCUR (CONDITION TO AVOID)

HAZARDOUS COMBUSTION PRODUCTS

WILL NOT OCCUR

MAY OCCUR (CONDITION TO AVOID)

Carbon oxides (CO₂, CO)

SECTION VII. POTENTIAL HEALTH EFFECTS

A. HEALTH EFFECTS

	ACUTE	CHRONIC
INGESTION	May cause mild to extreme gastrointestina inflammation	NA
INHALATION	No effect expected	NA
SKIN	Direct or prolonged contact may cause mild irritation	NA
EYES	May cause redness, tearing, blurred visión	NA

HAZARDS

CARCINOGENIC

MUTAGENIC

THERATOGENIC

INCLUDED IN NOM 010 STPS

INCLUDED IN OTHER REFERENCES

CHEMICALS LISTED AS CARCINOGENS BY: (YES / NO)

NATIONAL TOXICOLOGY PROGRAM: NO

I.A.R.C. MONOGRAPHS: NO

OSHA: NO

COMPLEMENTARY INFORMATION

N/A

TEST	RESULTS	ANIMAL SPECIES
N/A	N/A	N/A

B. FIRST AIDS MEASURES

INGESTION	If swallowed, give 3-4 glasses of milk (if unavailable, give water) but DO NOT induce vomiting. If vomiting does occur, give fluids again. Get medical attention to determine whether vomiting of evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person
INHALATION	Remove to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult
SKIN	Wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops.
EYES	Flush eyes with plenty of water for several minutes. Seek medical attention if irritation develops

SECTION VIII. SPILL AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE OF SPILLAGE OR RELEASE

Extinguish all sources of possible ignition. Small spills may be flushed to sewer. Larger spills may be absorbed onto sawdust or other inert absorbent and disposed

PERSONAL PROTECTION EQUIPMENT

GLOVES GOGGLES BOOTS COARSE OTHER safety glasses

Chemical resistant gloves

Water source to flush eyes, other protective clothing may be needed if splashing occurs

WASTE DISPOSAL METHODS

Incinerate or use approved landfill. Dispose of in compliance with all Federal, state and local laws and regulations. Incineration is the preferred method.

SECTION IX. PERSONAL PROTECTION INFORMATION

VENTILATION REQUEST

GENERAL VENTILATION LOCAL VENTILATION UNNECESSARY IN NORMAL COND.
Sufficient

PERSONAL PROTECTION EQUIPMENT UNDER NORMAL USE CONDITIONS

GLOVES GOGGLES BOOTS COARSE OTHER

Rubber or neoprene Safety glasses

Eye wash, safety shower, protective clothing (long sleeves, coveralls or other, as appropriate), when needed, to prevent skin contact

SECTION X. TRANSPORT INFORMATION

N/A

SECTION XI. ECOLOGICAL INFORMATION

N/A

SECTION XII. SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS

Do not contaminate water food or food by storage or disposal. Open container should not be stored in a closed room. Do not use pour or spill near heat and open flames.

OTHERS

CREATION DATE: July 1, 1997	REVISION DATE Nov. 24, 2003	REVISED BY: LQI Miguel A. López Landeros
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NOTE:

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