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Pg 1
(W)

MATERIAL SAFETY DATA SHEET

Complies with OSHA's 29 CFR
1910.1200 and State Hazard
Communication Standards.

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SECTION 1

PRODUCT IDENTITY: 102 DISINFECTANT DEODORANT

DATE PREPARED: 7/18/88

EPA Reg. No. 334-214-527

NFPA/HMIS HAZARD CODES (minimal = 0; slight = 1, moderate = 2; serious = 3; severe = 4)
Health: NA Fire: NA Reactivity: NA Special: NA for aerosols

SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>HAZARDOUS COMPONENTS</u>	<u>CAS #</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>% BY WT.</u>
Ortho-phenylphenol	90-43-7	Not est.	Not est.	0.176
Para-tertiary amyphenol	80-46-6	Not est.	Not est.	0.044
Ethyl alcohol	64-17-5	1000 ppm	1000 ppm	50 min.
Propellant: C ₃ -C ₄ Alkanes	68475-59-2	Not est.	Not est.	10-20

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SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS (for concentrate)

BOILING POINT: 180°F (IBP)	SPECIFIC GRAVITY: 0.87
VAPOR PRESSURE: 30 mm Hg	PERCENT VOLATILE: Approx. 99
VAPOR DENSITY (air = 1): Greater	EVAPORATION RATE: Greater than BuAc
SOLUBILITY IN WATER: Appreciable	pH: NA

APPEARANCE AND ODOR: Clear thin liquid; pleasantly scented.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (on concentrate) 71°F (TCC) FLAMMABLE LIMITS: Lel 4%; Uel 19%

EXTINGUISHING MEDIA: Water fog, carbon dioxide, or dry chemical.

SPECIAL FIREFIGHTING PROCEDURES: Keep containers cool. Use shielding to protect personnel against bursting, rupturing, or venting containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: At elevated temperatures (over 54°C = 130°F)

SECTION 5: REACTIVITY DATA

STABILITY: Stable	HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Excessive heat	
INCOMPATIBILITY: None	
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon formed upon combustion	

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SECTION 6: HEALTH HAZARD DATA

ROUTES OF ENTRY/SIGNS AND SYMPTOMS OF EXPOSURE: ACUTE: Eyes: temporary irritation. Ingestion: irritation; symptoms as for alcohol intoxication. Inhalation of high vapor levels: irritation, headache, dizziness, intoxication.

CHRONIC EFFECTS: None known

CARCINOGENS: None under OSHA, IARC or NTP

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

EMERGENCY AND FIRST AID PROCEDURES: Eyes: flush with water for 15 minutes. Ingestion: drink several glasses of water or milk. Inhalation: remove to fresh air. See physician for ingestion, or if irritation persists.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURES: Remove sources of flames, spark or heat. Provide adequate ventilation. Wipe up spills then rinse with water.

WASTE DISPOSAL METHOD: Do not puncture or incinerate containers. Replace cap and discard containers in trash.

HANDLING AND STORING: Keep out of reach of children. Do not store where temperatures may exceed 130°F. Contents under pressure.

OTHER PRECAUTIONS: Read entire label before using.

SECTIONS 8: CONTROL MEASURES

RESPIRATORY PROTECTION: None required

VENTILATION: Maintain adequate mechanical ventilation.

GLOVES: None required

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT: None required

WORK/HYGIENIC PRACTICES: None required

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