

PureProtect[®]

Total Hygiene Protection

PureProtect24[™]

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MATERIAL SAFETY DATA SHEET

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EMERGENCY TELEPHONES:

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1 PRODUCT IDENTIFICATION

PRODUCT IDENTIFICATION: GERM FREE 24 HAND SANITISER (also branded "PureProtect24")

CHEMICAL FAMILY: AQUEOUS SOLUTION

CHEMICAL NAME: AQUEOUS SANITISING SOLUTION

2 PRODUCT COMPONENTS

	APPROX.	ACGIH	OSHA	UNITS
PRODUCT COMPOSITION	%	TLV	PEL	
ETHYL ALCOHOL	<20	NA	1000	ppm
WATER	>75	NA	NA	
PROPRIETARY INGREDIENTS	<5	NA	NA	

FORMULATION:

THIS PRODUCT CONTAINS TOXIC CHEMICAL(S) LISTED BELOW WHICH IS (ARE) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORISATION ACT OF 1986 AND 40 CFR PART 372. ETHYL ALCOHOL

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GERMFREE24 & PureProtect24 – Contd...**PAGE 2****3 PHYSICAL DATA**

PRODUCT INFORMATION

BOILING POINT (°C)	:	78-100	% VOLATILE BY VOLUME	:	<18
VAPOR PRESSURE (25°C)	:	NA	EVAPORATION RATE	:	<1
VAPOR DENSITY (AIR=1)	:	>1	(BUTYL ACETATE	:	=1)
FREEZING POINT (°C)	:	-5	SPECIFIC GRAVITY	:	0.9
MELTING POINT	:	NA	(WATER=1)		
PHYSICAL STATE	:	LIQUID			
ODOUR	:	FRESH & CLEAN SCENT			
COLOUR	:	CLEAR			
SOLUBILITY IN WATER	:	SOLUBLE			

4 FIRE AND EXPLOSION DATA

FLASH POINT: >120°F (WILL NOT PROPOGATE FLAME)

FLAMMABLE LIMITS IN AIR (%): N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

5 REACTIVITY DATA

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON
DIOXIDEINCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING MATERIALS CAN
CAUSE A REACTION, ANIONIC MATERIALS.

CONDITIONS TO AVOID: HEAT, FREEZING

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6 HEALTH HAZARD DATA

ACUTE SIGNS/EFFECTS OF OVER-EXPOSURE:

INGESTION: MODERATELY TOXIC, CONTAINS DENATURED ALCOHOL,
 CANNOT BE MADE NON POISONOUS

SKIN CONTACT: NO UNTOWARD EFFECTS

INHALATION: NO UNTOWARD EFFECTS

EYE CONTACT: IRRITANT; DIRECT CONTACT MAY BURN EYES WITH
 POSSIBLE PERMANENT INJURY ON PROLONGED OR
 REPEATED EXPOSURE

MEDICAL CONDITIONS AGGRAVATED: UNKNOWN

CHRONIC EFFECT OF OVEREXPOSURE: UNKNOWN

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: IF SWALLOWED INDUCE VOMITING WHILE HOLDING HEAD
 BELOW HIPS; NEVER GIVE ANYTHING TO AN UNCONSCIOUS
 PERSON. GET MEDICAL ATTENTION

SKIN: NO UNTOWARD EFFECTS

INHALATION: NO UNTOWARD EFFECTS

EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH
 PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET
 MEDICAL ATTENTION IF IRRITATION PERSISTS.

PRODUCT INFORMATION

TOXICITY: ACUTE ORAL RAT LD50: NOT RATED

ACUTE DERMAL RABBIT LD50: NOT RATED

ACUTE INHALATION RAT LCLO: NOT RATED

AMES TEST: NOT RATED

PRINCIPAL ROUTES OF EXPOSURE: ORAL / EYES

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7 SPECIAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: NO SPECIAL REQUIREMENTS

PROTECTIVE GLOVES: NOT REQUIRED

EYE AND FACE PROTECTION: SAFETY GLASSES; MONOGOGGLES

OTHER PROTECTIVE EQUIPMENT: WEAR EYE PROTECTION AND PROTECTIVE CLOTHING

VENTILATION: LOCAL EXHAUST RECOMMENDED

8 SPILL, LEAK AND DISPOSAL PROCEDURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

1. WIPE, SOAK UP IN AN INERT MATERIAL AND PUT IN A CONTAINER FOR DISPOSAL.
2. WEAR PROPER PROTECTIVE EQUIPMENT AS SPECIFIED IN THE PROTECTIVE EQUIPMENT SECTION. WARN OTHER WORKERS OF SPILL.

DISPOSAL METHOD: DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

9 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

1. STORE UPRIGHT IN A COOL PLACE (33-100°F)
2. KEEP CONTAINER CLOSED WHEN NOT IN USE
3. AVOID CONTACT WITH EYES

ENGINEERING CONTROLS: EXHAUST VENTILATION, SHOWERS & EYEWASH STATIONS, USE IN A VENTILATED AREA

OTHER PRECAUTIONS: NONE

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10 SHIPPING AND REGULATORY CLASSIFICATION DATA

DOT SHIPPING NAME : NONE

DOT HAZARD CLASS : NONE

DOT LABEL(S) : NONE

UN/NA NUMBER : NONE

PLACARDS : NONE

EXPORT : NA

NFPA/HMIS CLASSIFICATION: FLAMMABILITY 1, REACTIVITY 0,
HEALTH 1

ADDITIONAL INFORMATION:

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE. THE RECOMMENDED HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTENT OF THE INTENDED USE.

Ends.