CHLORHEXIDINE GLUCONATE SOLUTION 4.0% (W/W)

XTTRIUM LABORATORIES

Revised: 11/11/1999

I- 251212 C- 29500-401
I- 302300 C- 29500-404
I- 292445 C- 29500-416
I- 298892 C- 4CHG4-FM
I- 274608 C- 4CHG4
I- 475300 C- 4458A
I- 354025 C- 29500-432
I- 349655 C- 4489

XTTRIUM LABORATORIES, INC.
415 W. PERSHING RD.
CHICAGO, IL. 60609

MATERIAL SAFETY DATA SHEET

IDENTITY (AS USED ON LABEL AND LIST):
CHLORHEXIDINE GLUCONATE SOLUTION 4.0% (W/W)

HMIS HAZARD RATING:
HEALTH 2,
FLAMMABILITY 1,
REACTIVITY 0

SECTION I

MANUFACTURER'S NAME: XTTRIUM LABORATORIES, INC.

ADDRESS (NUMBER, STREET, CITY, STATE, AND ZIP CODE):
415 WEST PERSHING RD.
CHICAGO, ILLINOIS 60609

EMERGENCY TELEPHONE NUMBER: 1-800-255-3924

TELEPHONE NUMBER FOR INFORMATION: 773-268-5000

DATE PREPARED: 11/11/99

SIGNATURE OF PREPARER (OPTIONAL).

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	% (OPTIONAL)

IDENTITY; COMMON NAME(S)				
PARA-CHLOROANILINE P.C.A.	N.A.	500 P.P.M.		
CHLORHEXIDINE	56-55-1	N.A.	N/A	
ISOPROPYL ALCOHOL	67-63-0	400 P.P.M	400 P.P.M.	4.00%

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: APPROXIMATELY 206 DEG. F 97 DEG. C

SPECIFIC GRAVITY (H2O = 1): 1.06

INTERNATIONAL MARITIME ORGANIZATION HAZARD CLASS; IMO: NON HAZARD

VAPOR PRESSURE (MM Hg.): N/A

MELTING POINT: N.A. LIQUID

PACKAGING GROUP: II

VAPOR DENSITY (AIR = 1): N/A

EMERGENCY SCHEDULING; EMS NO.: 2-05

SOLUBILITY IN WATER; SOLUBLE

MEDICAL FIRST AID GUIDE; MFAG NO.: 2

APPEARANCE AND ODOR: ALMOST COLORLESS OR PALE STRAW COLOR

EVAPORATION RATE (BUTYL ACETATE=1): APPROXIMATELY SAME AS WATER

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 125 DEG. F CLOSED CUP

FLAMMABLE LIMITS: NOT FLAMMABLE
LEL: N/A
UEL: N/A

EXTINGUISHING MEDIUM: FOAM, DRY CHEMICAL, CO2, WATER FOG.

SPECIAL FIRE FIGHTING PROCEDURES:
MUST WEAR MSHA/NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
THERMAL DECOMPOSITION MAY PRODUCE TOXIC FUMES OF AMMONIA, HYDROGEN CHLORIDE AND OXIDES OF CARBON AND NITROGEN.

REPRODUCED LOCALLY:

SECTION V REACTIVITY DATA

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STABILITY:
UNSTABLE ( )
STABLE (X)

CONDITIONS TO AVOID: STORAGE OVER 37 DEG. C (104 DEG. F)

INCOMPATIBILITY (MATERIAL TO AVOID): N/A

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: P.C.A.

HAZARDOUS POLYMERIZATION
MAY OCCUR ( )
WILL NOT OCCUR (X)

CONDITIONS TO AVOID:
STORAGE IN EXCESS HEAT 37 DEG. C (104 DEG. F) OVER A LONG PERIOD OF TIME

SECTION VI HEALTH HAZARD DATA

ROUTE(S) OF ENTRY
INHALATION? NO
SKIN? NOT ABSORBED
INGESTION? POSSIBLE

HEALTH HAZARDS (ACUTE AND CHRONIC):

ORAL LD50: 1.8 G/KG/(RAT).

HAZARDOUS TO INNER EYE, FLUSH THOROUGHLY WITH WATER.
HAZARDOUS TO MIDDLE EAR WITH PERFORATED EAR DRUM.

CARCINOGENICITY? NONE
NTP? NONE
T.S.C.A? YES
IARC MONOGRAPH? NONE
OSHA REGULATED? NO

SIGNS AND SYMPTOMS OF EXPOSURE: SKIN AND EYE IRRITANT

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: DERMATITIS

EMERGENCY AND FIRST AID PROCEDURES:
FLUSH WITH WATER FROM EYES OR EARS FOR AT LEAST 15 MINUTES.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
FLUSH WITH WATER. IF IRRITATION OCCURS AND PERSISTS GET MEDICAL ATTENTION

WASTE DISPOSAL METHOD: FLUSH WITH WATER

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
DO NOT SPILL ON SKIN OR INTO EYES/EARS.

OTHER PRECAUTIONS:
HANDLE WITH CARE. IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

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SECTION VIII CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE NEEDED

VENTILATION
LOCAL EXHAUST OK
MECHANICAL (GENERAL)
SPECIAL
OTHER

PROTECTIVE GLOVES: YES

EYE PROTECTION: USE CHEMICAL GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE NEEDED

WORK HYGIENIC PRACTICES: HANDLE WITH CARE.

SECTION IX DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
AN ACCEPTABLE METHOD OF DISPOSAL IS TO DILUTE WITH LARGE AMOUNTS OF WATER FOLLOWED BY DISCHARGE INTO A SUITABLE TREATMENT SYSTEM IN ACCORDANCE WITH ALL REGULATORY AGENCIES. BECAUSE ACCEPTABLE METHODS OF DISPOSAL MAY VARY BY LOCATION AND BECAUSE REGULATORY REQUIREMENTS MAY CHANGE, THE APPROPRIATE REGULATORY AGENCIES SHOULD BE CONTACTED PRIOR TO DISPOSAL.

SECTION X REGULATORY INFORMATION

COMPONENT	SARA EHS (302)*	SARA TPQ (LBS)	SARA 313**	CERCLA (LBS)***	DEMINIMIS FOR SARA 313	OSHA FLOOR LIST
PARA-CHLOROANILINE P.C.A.						
CHLORHEXIDINE						
ISOPROPYL ALCOHOL			Y		0.1	Y

*40 CFR 355
**40 CFR 370
***40 CFR 302

TSCA INVENTORY:
THE CAS NUMBER OF THIS ITEM IS LISTED ON THE TSCA INVENTORY.

SECTION XI TRANSPORT INFORMATION

DOT GROUND:
CHLORHEXIDINE GLUCONATE AQUEOUS SOLUTIONS OF ALCOHOL CONTAINING 24% OR LESS ALCOHOL BY VOLUME AND NO OTHER HAZARDOUS MATERIAL

IATA: CHLORHEXIDINE GLUCONATE AQUEOUS SOLUTIONS

IMDG: CHLORHEXIDINE GLUCONATE AQUEOUS SOLUTIONS

DOT CLASS: NOT HAZARDOUS

DOT LABELS: PROPER NAME

PRECAUTION:
PROTECT FROM PHYSICAL DAMAGE. KEEP DRUMS/BOTTLES IN UPRIGHT POSITION. DO NOT STACK WHILE IN STORAGE OR TRANSIT.

THE INFORMATION, DATA, AND RECOMMENDATIONS CONTAINED HEREIN ARE BELIEVED TO BE ACCURATE. HOWEVER, WE MAKE NO WARRANTY OF ANY KIND WHATEVER WITH RESPECT THERETO AND DISCLAIM ALL LIABILITY FROM RELIANCE THEREON.

4.0% CHLORHEXIDINE GLUCONATE