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LABORATOIRE ATLAS

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C046-10; C046-15

DEXIDIN 2; 4
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N.D.: NO DATA AVAILABLE N.A.: NOT APPLICABLE

SECTION 1 - PRODUCT IDENTIFICATION

COMMERCIAL:	DEXIDIN 2; DEXIDIN 4.
CHEMICAL NAME:	Chlorhexidine gluconate solutions 2% and 4%.
CHEMICAL FORMULA:	1-6-DI-(N-p-Chlorophenyl diguanide) hexane digluconate.
CHEMICAL FAMILY:	Organic, cationic.
CODE:	C046-10 (2%); C046-15 (4%).
PRODUCT USE:	Antibacterial; dermal skin cleanser.
WHMIS CLASSIFICATION:	N.A., not regulated pharmaceutical.
TDG CLASSIFICATION:	N.A.

SECTION 2 - INGREDIENTS

CONTROLLED INGREDIENTS (Over 1% (w/w)):		
CHLORHEXIDINE GLUCONATE:	CAS: 18472-51-0	DEXIDIN 2: 2%; DEXIDIN 4: 4%.
LD₅₀ (MICE-ORAL) = 1200 mg/Kg		
ISOPROPYL ALCOHOL:	CAS: 67-63-0	4 % for both solutions.
LD₅₀ (RAT-ORAL) = 5.8 g/Kg		

SECTION 3 - PHYSICAL CHARACTERISTICS

PHYSICAL STATE, ODOUR AND APPEARANCE:	red-orange clear low sudsing solution, characteristic odour.
THRESHOLD ODOUR:	N.D.
BOILING POINT:	88 - 92°C
pH AT 25°C:	5.5 - 7.0
SPECIFIC GRAVITY AT 25°C. (water = 1):	Dexidn 2: 1.013; Dexidn 4: 1.036
VAPOUR PRESSURE mmHg AT 20°C:	N.D.
VAPOUR DENSITY (air = 1):	N.D.
WATER SOLUBILITY:	Complete water solubility.
FREEZING POINT:	N.D.
EVAPORATION RATE:	N.D.
PARTITION COEFFICIENT (WATER/OIL):	N.D.
FLASH POINT:	> 100°C - not a danger.
AUTOIGNITION TEMPERATURE:	N.D.

SECTION 4 - REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: N.A.

INCOMPATIBILITY: Incompatible with strong acids and alkalies. Incompatible with oxidising and reducing agents.

HAZARDOUS DECOMPOSITION: N.A.

HAZARDOUS POLYMERISATION: None.

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SECTION 5 - FIRE AND EXPLOSION HAZARD

FLAMMABILITY: Not flammable.
SPECIAL FIRE HAZARDS: N.A.
HAZARDOUS COMBUSTION PRODUCTS: N.D.
FIRE FIGHTING MEDIA: N.A.

SECTION 6 - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE:

EYES: This product causes eye irritation.

SKIN: Normally does not cause skin irritation, but, there certain sensitive individuals may developps an allergic-type reaction.

INHALATION: N.A.

INGESTION: Chlorhexidine has a high oral LD50 because it is poorly absorbed by the intestinal track. accordingly, due to the combined effects of the other ingredients composing Dexdin 2 and 4, they may cause nausea and/or vomiting. harmless by ingestion.

EFFECTS OF CHRONIC EXPOSURE:

Prolonged and repeated exposure on the skin, may cause skin sensitization.

SECTION 7 - PREVENTATIVE MEASURES

AS NEEDED, APPLY THE APPROPRIATE MEASURES ACCORDING TO THE AMPLITUDE OF EXPOSURE.

SKIN: N.A.

EYES: Avoid any contact with the eyes.

RESPIRATORY TRACT: N.A.

OTHER PROTECTIVE EQUIPMENTS: N.A.

VENTILATION: N.A.

IN CASE OF SPILL OR LEAK: No special precaution. Absorbs with an inert material.

WASTE DISPOSAL: In accordance with federal, provincial and municipal regulations.

HANDLING PROCEDURES AND STORAGE REQUIREMENTS: Keep in well closed polyethylene or glass containers protected from light and below 25°C.

SECTION 8 - FIRST AID MEASURES

EYES: Flush eyes immediately with large volumes of water for 15 minutes. Call a physician.

SKIN: In case of skin irritation, stop using.

INHALATION: N.A.

INGESTION: Do not induce vomiting. Get medical attention. In case of non-induced vomiting, bend victim to prevent any risk of asphyxia. Never give any liquid to a unconscious person.

SECTION 9 - OTHER INFORMATION

REVISED IN:

February 13, 2003

REPLACE VERSION OF:

December 15, 2002

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