

**CHLORHEXIDINE GLUCONATE 2% SOLUTION
C139****SAFETY DATA SHEET****SUPPLIER :**

LABORATOIRE ATLAS INC.
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EMERGENCY PHONE

OFFICE : (514) 254-7188
POISON CONTROL CENTER : 1-800-463-5060 (Québec)
911 (Elsewhere au Canada)

N/D: NOT AVAILABLE N/A: NOT APPLICABLE

SECTION 1 - PRODUCT IDENTIFICATION

TRADE NAME : DEXIDIN 2% Solution with 4% Isopropyl Alcohol
CHEMICAL NAME : Chlorhexidine gluconate and isopropyl alcohol solution
CHEMICAL FORMULA : 1,6-Di-(N-p-Chlorophenyl diguanide) hexane digluconate
(C₂₂H₃₀Cl₂N₁₀•2C₆H₁₂O₇) & IPA (C₃H₈O)
CHEMICAL FAMILY Organic, cationic
CODE : C139
PRODUCT USE : Skin antiseptic. Effective against most Gram-positive and Gram-negative vegetative bacteria, yeasts, and molds.
WHMIS CLASSIFICATION : N/R Not regulated
TDG CLASSIFICATION : N/A

SECTION 2 – INGREDIENTS**CONTROLLED INGREDIENTS (More than 1% (w/w))**

CHLORHEXIDINE GLUCONATE	CAS: 18472-51-0	2%	LD ₅₀ (SOURIS-ORAL) = 1800 mg/Kg
ISOPROPYL ALCOHOL	CAS: 67-63-0	4%	LD ₅₀ (RAT-ORAL) = 5800 mg/Kg

SECTION 3 - PHYSICAL CHARACTERISTICS

PHYSICAL STATE, ODOR, AND APPEARANCE : Clear reddish liquid with an IPA odor.
ODOR THRESHOLD : N/D
BOILING POINT : Around 100°C
pH 25°C : 5.5 - 7.0
SPECIFIC DENSITY at 25°C (water : 1) : 0.998
VAPOR PRESSURE in mmHg at 20°C : N/D
VAPOR DENSITY (air=1) : N/D
SOLUBILITY IN WATER : Completely soluble in water
FREEZING POINT : N/D
EVAPORATION RATE : N/D
DISCLOSURE COEFFICIENT (WATER/OIL) : N/A Completely miscible with water
FLASH POINT : N/D
AUTOS-IGNITION TEMPERATURE : N/D

SECTION 4 - REACTIVITY

STABILITY : Stable sous conditions normales.
CONDITIONS TO AVOID : Avoid exposure to heat.
INCOMPATIBILITY : Incompatible with strong acids and alkalis, as well as oxidizing and reducing agents.
HAZARDOUS DECOMPOSITION : N/A
HAZARDOUS POLYMERIZATION : Aucune



SECTION 5 - HAZARD OF EXPLOSION AND FIRE

FLAMMABILITY: This material is non-flammable.

SPECIAL FIRE HAZARDS: N /A

DANGEROUS COMBUSTION PRODUCTS: Possible release of carbon monoxide and carbon dioxide

MEANS OF EXTINGUISHING : This material is compatible with standard extinguishing media (water, foam, carbon dioxide, chemical powder). For large quantities (multiple containers /pallets) of product: As toxic or flammable vapors may be emitted by the product or its packaging, the following protective equipment is recommended: splash goggles, protective clothing, chemical-resistant gloves, rubber boots, and a self-contained breathing apparatus (SCBA).

SECTION 6 - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE:

EYE CONTACT : Contact with the eyes and mucous membranes may cause irritation, redness, and pain.

CONTACT WITH THE SKIN : Under normal use, it does not cause irritation. However, minor irritation may occur in some individuals.

INHALATION : N /A

INGESTION : Chlorhexidine has relatively low toxicity because it is poorly absorbed by the intestines but primarily eliminated in salts. However, isopropyl alcohol can be harmful if ingested. It can irritate the gastric and digestive tracts, affect the nervous system, liver, and kidneys. It can cause nausea, headaches, and impaired vision.

EFFECTS OF CHRONIC EXPOSURE:

Prolonged or repeated exposure can sometimes cause skin inflammation or sensitization.

SECTION 7 - PREVENTIVE MEASURES

DEPENDING ON THE SCALE OF THE EXHIBITION APPLY THE APPROPRIATE MEASURES AS NEEDED.

SKIN : N /A

EYES: Avoid contact with eyes.

RESPIRATORY TRACT: N /A

OTHER PROTECTIVE EQUIPMENT: N /A

VENTILATION: N /A

MEASURES IN CASE OF A LEAK OR SPILL : Absorb small spills with an inert absorbent material. Rinse with water.

WASTE DISPOSAL: Comply with federal, state, and municipal regulations.

STORAGE CONDITIONS: Keep the bottle tightly closed at room temperature and away from light. Avoid exposure to temperatures above 25°C.

SECTION 8 - FIRST AID

EYES : Rinse immediately with plenty of water for 15 minutes. Consult a doctor if irritation persists.

SKIN : En cas de contact accidentel avec la peau, laver avec du savon et rincer à grande eau. Si une irritation se manifeste, il est fort probable qu'elle s'estompera d'elle-même. Si non, consulter un médecin.

INHALATION : N /A

INGESTION : In case of accidental skin contact, wash with soap and rinse thoroughly with water. If irritation occurs, it will most likely disappear on its own. If not, consult a doctor.

SECTION 9 - ADDITIONAL INFORMATION

REVISED ON : September 15, 2014

REPLACES EDITION OF : January 14, 2014

The information and recommendations provided in this safety data sheet are derived from the interpretation of various data sources that we believe to be accurate. However, no guarantee, express or implied, is given regarding the information or recommendations included herein.
