

# MATERIAL SAFETY DATA SHEET

<i>TRADE NAME</i>	
<b>SOLUPREP 0.05% CHG &amp; 4% IPA</b>	
<b>MANUFACTURER'S INFORMATION :</b> LES ENTREPRISES SOLUMED INC. 2109 LE CHATELIER LAVAL . QC. CANADA H7L 5B3	<b>EMERGENCY TELEPHONE NUMBER :</b> (613) 996-6666 or (450) 682-6669 <b>TELEPHONE NUMBER FOR INFORMATION :</b> (450) 682-6669 <b>DATE REVISED :</b> December 1 <sup>st</sup> , 2006

## SECTION I HAZARDOUS INGREDIENT / IDENTITY INFORMATION

<b>Materials:</b>	Chlorhexidine Gluconate 0.05 % W/V; Isopropyl Alcohol 4% V/V.
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## SECTION II PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance	Water-like	Odor	Isopropyl Alcohol
Boiling Point:	82 – 97 °C	Specific Gravity: (g/cc, water=1.0)	0.880
Vapor Pressure (mmHg at 20 °C)	Approx. 33	Melting Point	Liquid
Vapor Density (g/cc, water=1.0)	Approx. 2.0	Evaporation Rate	Unknown
Water solubility	Complete	% Volatile by volume	100%

## SECTION III FIRE AND EXPLOSION DATA

Flash Point	97 °C	Flammable Limits	>= 2.0 and <= 12.0
Extinguishing Media	Water Fog, Alcohol Foam, Carbon Dioxide, Dry Chemical, Halogenated Agents.		
Special Fire Fighting Procedures	Cool Fire Exposed Containers with water Spray; Must Wear MSHA/NIOSH Self Contained Breathing Apparatus.		
Unusual Fire and Explosion Hazards	Thermal Decomposition may produce toxic fumes of Ammonia, Hydrogen Chloride and Oxides of Carbon and Nitrogen. May explode if exposed to extreme heat or flame.		

## SECTION IV REACTIVITY

Stability	Stable
Incompatibility	Oxidizing Material
Hazardous Decomposition By-Products	Carbon Dioxide, Carbon Monoxide, Nitrogen's Oxides, Ammonia, P.C.A.
Hazardous Polymerization	Will not occur.
Conditions to avoid	Storage in excess heat (40 °C) over a long period of time; Extreme Heat or Flame.

## SECTION V TOXICOLOGICAL PROPERTIES

Routes of Entry	Inhalation	Skin	Ingestion
	Possible	Not Absorbed	Possible
Carcinogenicity	None		
<b>Hazards</b>			
Eyes	Extreme irritation; Redness; Pain.		
Inhalation	Nose; Throat and Respiratory Tract Irritant.		
Skin	Skin Irritant; Dermatitis.		
Ingestion	Irritation, Burning Sensation in mouth, throat and respiratory tract; Abdominal pain.		

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## SECTION VI PRECAUTIONS FOR SAFE HANDLINGS AND USE

<b>STEP TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED</b>	
	Eliminate all possible source of ignition or flame; For small spills, mop up and rinse to sewer; For large spills, soak up with an inert absorbent and dispose into waste container; Always ventilate spill areas.
<b>PROTECTION NEEDED</b>	
Eyes	Goggles, Full Face Shield if splashing is possible.
Hands	Wear rubber gloves.
Respiratory	In close area use MSHA / NIOSH approved respirator for organic matter; Maintain area ventilated; Avoid prolonged exposure; Avoid breathing vapors.
<b>PRECAUTION TO BE TAKEN IN HANDLING AND STORAGE</b>	
	Store in a cool, dry and well ventilated area;
	Keep containers closed;
	Wear protective equipment;
	Do not spill on skin or into eyes.
<b>PROTECTION NEEDED</b>	
Eyes Protection	Use chemical goggles.
Respiratory Protection	Not Needed.
Protective Gloves	Wear rubber gloves.
Other Protective Clothing or Equipment	None Needed.
Work Hygienic Practices	Handle with care.

## SECTION VII FIRST AID AND CONTROL MEASURES

Eyes	Flush with running water. Remove any contact lenses after initial flushing. Continue flushing for at least 20 minutes. <u>Seek medical attention immediately</u>
Inhalation	Remove victim to well ventilated area. If not breathing, administer artificial respiration; preferably mouth to mouth. If breathing is difficult give oxygen. Consult medical personal.
Skin	Flush under running water. Clean area with water and soap. If redness, itching or a burning sensation develops, seek medical attention.
Ingestion	Rinse mouth. Give individual at least two glasses of water to drink. If gastrointestinal symptoms develop, seek medical attention.

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