

**Product Identification**

Chemical Name and Synonyms	Antimicrobial cleaning solution
Chemical Family	Antimicrobials & surfactants
Chemical Formula	Not applicable
Product Use	Ultrasonic disinfectant cleaner
Manufacturer's Information Microbex, Division of Alliance H. Inc. 22A – 4630 Dufferin St. Toronto, ON M3H 5S4 416-391-1700	

**Physical Data**

Physical State	Liquid
Odour / Appearance	Purple with a herbal scent
Odour Threshold (ppm)	Not available
Vapour Pressure (mmHg)	Not available
Vapour Density (Air = 1)	Not available
Evaporation Rate (g/m <sup>2</sup> )	Not available
Boiling Point (°C)	Not available
Freezing Point (°C)	Not available
pH	10 - 12
Specific Gravity (Water=1)	1.04
Coefficient of water/oil distribution	Not available

**Shipping Description**

Shipping Name	Not applicable
T.D.G. Class	Not regulated
P.I.N.	Not applicable
Pkg. Group	Not applicable

**Hazard Rating (NFPA-704-M)**

Fire	0
Reactivity	1
Toxicity	2
Special	Not applicable
WHMIS Class	D,2B
Emergency	CANUTEC 613-996-6666

**List of Hazardous Ingredients**

Ingredients	%	LD 50 (oral, rat) mg/kg	CAS No.
o-Phenylphenol	4.6	2480	90-43-7
o-Benzyl-p-chlorophenol	0.7	4100	120-32-1
p-t-Amylphenol	1.7	1830	80-46-6
Disodium dodecyl benzene sulfonate	10-30	1976	28519-02-0
Ethanol	5-10	7000	64-17-5
Sodium laureth sulphate	10-30	1926	11-91-50-6
Triethanolamine	5-10	9000	102-71-6

**Reactivity Data**

Chemical Stability	Stable
Incompatibility with other substances	May react with acids resulting in increased temperatures and precipitation of a solid
Conditions for Reactivity	Not available
Hazardous Decomposition Products	Not available

**Fire and Explosion Data**

Flammability	Not Flammable
Extinguishing Media	Not applicable
Flash Point (method used)	Not available
Autoignition Temperature	Not available
Upper Flammable Limit (% by volume)	Not available
Lower Flammable Limit (% by volume)	Not available
Hazardous Combustion Products	Not available
Sensitivity to Impact	Not sensitive
Sensitivity to Static Discharge	Not sensitive
Special Fire Hazards	Not available

**Toxicological Properties and Health Data**

<i>Toxicological Data</i>	
LD <sub>50</sub>	Not Available
LC <sub>50</sub>	Not Available
<i>Effects of Acute Exposure to Product</i>	
<b>Ingestion</b> May result in severe irritation or burning of the digestive tract	
<b>Eye Contact</b> Vapours may irritate the eyes. Liquid may irritate and damage the eyes	
<b>Skin Contact</b> Mild irritant.	
<b>Inhalation</b> May irritate the respiratory tract	
<b>Special Notes</b> Not applicable	
<i>Effects of Chronic Exposure to Product</i>	
<b>Skin</b> Irritate skin of prolonged contact	
Carcinogenicity	Not available
Teratogenicity	Not available
Reproductive Effects	Not available
Mutagenicity	Not available
Synergistic Product	Not available
Irritancy to Product	Not available
Sensitization to Product	Not available
Special Notes	Not available

**First Aid**

<b>Ingestion</b> DO NOT INDUCE VOMITING. If conscious, drink 2 glasses of water. If vomiting, lean victim forward. Seek medical attention.	
<b>Eye Contact</b> Flush eyes with plenty of running water, keeping eyelids open. Seek immediate medical advice.	
<b>Skin Contact</b> Wash skin with plenty of water.	
<b>Inhalation</b> Remove to fresh air and seek medical advice.	
Notes to Physician	Not available

**Preventive Measures**

<b>Engineering Controls</b> General ventilation normally adequate
<b>Respiratory Protection</b> Not normally required if good ventilation is maintained
<b>Eye Protection</b> Protective eye wear
<b>Skin Protection</b> Household type rubber gloves
<b>Other Personal Protective Equipment</b> Eye wash
<b>Leak / Spill Procedure</b> Contain spilled material and absorb it with proper absorber for disposal. Wear gloves and eye protection.
<b>Waste Disposal</b> In accordance with local regulations
<b>Handling Procedures and Equipment</b> Do not bring to a boil. Keep ultrasonic bath covered at all times.
<b>Storage Requirements</b> Keep container closed when not in use.
<b>Special Notes</b> Avoid eye contact.

**Preparation Information**

Date Reviewed	2009 June 30
Prepared by	Microbex Technical Staff
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