

**Product Identification**

Chemical Name and Synonyms	Cleaning solution
Chemical Family	Solution of enzymes / surfactants
Chemical Formula	Not applicable
Product Use	Evacuation System 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	Straw coloured with lemon 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)	0 °C
pH	9 - 10
Specific Gravity (Water=1)	1.05
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	1
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.
Subtilisin	1-5%	>2000	9014-01-1
Alkylphenoethoxylate	1-5%	2500	9016-45-9
Sodium xylene sulfonate	1-5%	650	1300-72-7
Propylene glycol	1-5%	Not available	57-55-6

**Reactivity Data**

Chemical Stability	Stable under normal conditions
Incompatibility with other substances	Strong acids and oxidizers
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 applicable
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 cause nausea and vomiting. May be irritating to mouth and throat.	
<b>Eye Contact</b> Can cause irritation on repeated exposure.	
<b>Skin Contact</b> Mild irritant.	
<b>Inhalation</b> Can cause allergic type reaction in susceptible individuals upon repeated exposure.	
<b>Special Notes</b> Not applicable	
<i>Effects of Chronic Exposure to Product</i>	
<b>Skin</b>	Irritation on prolonged use.
<b>Carcinogenicity</b>	Not available
<b>Teratogenicity</b>	Not available
<b>Reproductive Effects</b>	Not available
<b>Mutagenicity</b>	Not available
<b>Synergistic Product</b>	Not available
<b>Irritancy to Product</b>	Not available
<b>Sensitization to Product</b>	Not available
<b>Special Notes</b>	Not available

**First Aid**

<b>Ingestion</b> Rinse mouth and throat thoroughly with water.	
<b>Eye Contact</b> Flush with large amounts of water, holding eyelids open for at least 15 minutes.	
<b>Skin Contact</b> Flush with large amounts of water. Consult physician if irritation persists. Wash contaminated clothing before reuse.	
<b>Inhalation</b> Remove victim to fresh air. Consult physician if allergic reaction occurs.	
<b>Notes to Physician</b>	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> Not applicable
<b>Leak / Spill Procedure</b> Contain spilled material and absorb it with proper absorber for disposal.
<b>Waste Disposal</b> In accordance with local regulations
<b>Handling Procedures and Equipment</b> Not applicable
<b>Storage Requirements</b> Store in cool, dry place, away from direct sunlight.
<b>Special Notes</b> Not applicable

**Preparation Information**

<b>Date Reviewed</b>	2009 June 30
<b>Prepared by</b>	Microbex Technical Staff

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