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*"Products That Don't Cost The Earth"*

## **HOSPIKLEAN**

### **HOSPITAL GRADE DISINFECTANT**

**HOSPIKLEAN** is designed to clean and disinfect. This is a TGA hospital dirty approved formula to be used in hospitals, nursing homes and medical centers for disinfecting against bacteria and germs.

**HOSPIKLEAN** is used for disinfecting surfaces, instruments and equipment.

**HOSPIKLEAN** kills broad range of bacteria and germs including air borne bacteria.

## **HOW DOES IT WORK? HOW TO USE?**

### **APPLICATION**

This formulation has been shown to pass both the TGA test for Hospital Grade Disinfectants under "dirty" conditions (Option B) and the AOAC Hard Surface Carrier test 6.202, 03 and 05 at concentrations at 1:60.

### **DIRECTION FOR USE**

To kill airborne bacteria before starting your cleaning in confined places, dilute **HOSPIKLEAN** 1:10 and spray the room, leave it for 20 minutes then start. For pre-cleaning of soiled surfaces, **HOSPIKLEAN** can be sprayed or poured directly on to the effected area. Leave it for 10 minutes, soak up with fresh toweling and dispose of it in proper manner. Repeat this process for disinfecting.

*You don't have to settle for second best to save money when cleaning.  
Step-up to the new level in Cleaning Detergents & Soaps.*

*Use Enviro Chemicals and you will never settle for second best again.*

*We trust this product will be of interest to you and for more info visit our Web site.  
Please do not hesitate to contact us if we can be of further assistance.*

## HOSPIKLEAN

### 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **HOSPIKLEAN**  
Manufacturer's Product Code: EC-HSP  
Product Use: Hospital-Grade Disinfectant for hard surface cleaning and disinfecting.

#### COMPANY DETAILS

**Company:** Enviro Chemicals (Aust.) Pty. Ltd.  
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**Emergency Telephone Number: 131 126**

### 2 HAZARDS IDENTIFICATION

**Not classified as hazardous according to criteria of Safe Work Australia.**

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### Ingredients:

Chemical Entity:	CAS No.:	Proportion:
Quaternary ammonium compounds	63449-41-2	< 10%
Surfactants	non-haz	< 10%
Perfume	-	< 10%
Green food dye	-	< 10%
Water	7732-18-5	to 100%

### 4 FIRST AID MEASURES

**Poisons Information Centre: Phone 131 126**

**Swallowed:** If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do NOT induce vomiting.

Give a glass of water to drink. Rinse mouth with water. Never give anything by mouth to an unconscious person.

**Eye:** Immediately hold the eyes open and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Transport to hospital or doctor if irritation persists. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

**Skin:** Remove any contaminated clothing and flush area with water and soap if available. Seek medical attention in the event of irritation.

**Inhaled:** This is considered to be unlikely to occur and unlikely to cause any reactions. However, if any effects are observed, remove affected person to fresh air. Lay patient down, keep warm and rested. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation. Call a doctor.

### 5 FIRE FIGHTING MEASURES

**Fire/Explosion Hazard:** Tango is not combustible.  
**Fire extinguishing media:** Water spray or fog. Foam. Dry chemical powder. Carbon dioxide.  
**Special fire-fighting procedures:** None.

**Unusual fire hazards:** None.

**Hazardous products of combustion:** Thermal decomposition at temperatures above 200 deg C or in a large fire may yield toxic fumes which may cause severe eye, nose, throat and lung irritation. Use adequate ventilation and wear breathing apparatus and protective gloves.

### 6 ACCIDENTAL RELEASE MEASURES

Clean up all spills immediately. Spills may be slippery. Avoid contact with skin and eyes. Contain spill and mop up. Place in a suitable, labelled container for waste disposal.

### 7 HANDLING AND STORAGE

**Storage and Transport:** Store in a cool, dry place.

**Incompatibility (Materials to avoid for purposes of transport, handling and storage only):** None.

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Standards:** None assigned for this mixture or ingredients.

**Engineering Controls:** Mechanical ventilation: Not required under normal conditions.

**Personal Protection:**

Gloves - Wear rubber gloves if prolonged skin contact is anticipated.

Eye-protection - Safety glasses to be worn if there is a risk of splashing.

Respiratory – Not needed.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Green liquid

**Odour:** Fruity fragrance

**pH =** 5 – 6

**Vapour Pressure:** N/K

**Vapour Density:** N/K

**Boiling Point :** 100°C

**Freezing Point:** < 0°C

**Solubility in water:** Infinitely miscible

**Specific Gravity :** 1

**Evaporation rate:** As water

**% Volatile by vol:** 60 - 80%

### 10 STABILITY AND REACTIVITY

**Stable.**

**Hazardous polymerization:** None.

## HOSPIKLEAN

### 11 TOXICOLOGICAL INFORMATION

Health Effects: *Acute* -

Swallowed: May cause slight irritation to the gastrointestinal tract.

Eye: May cause discomfort.

Skin: Prolonged contact may cause skin dryness.

Inhalation: Respiratory irritation may occur if large amounts of spray mist are inhaled.

Health Effects - *Chronic*: None known.

Toxicity Data: Not available for mixture. Typical toxicity values for this type of product are: rat, oral LD50 > 5.0 g/kg; rabbit, dermal LD50 > 5.0 g/kg.

(Note: this data is from published information. Agar Cleaning Systems does not carry out animal tests).

### 12 ECOLOGICAL INFORMATION

Ecotoxicity: Data from quaternary ammonium compound (50% active solution):

Biological Elimination (%): 35-70

[Method: OECD 302 B].

Fish Toxicity: LC50, 1-10 mg/L

Testing Time (H): 96

Fish Species: Zebra fish

Toxicity to bacteria in effluent: EC50, 17 mg/L

[Method: OECD 209].

Persistence and degradability: -

Mobility: -

Advice: Prevent spills from entering waterways.

### 13 DISPOSAL CONSIDERATIONS

For disposal, refer to State Land Waste Management Authority.

### 14 TRANSPORT INFORMATION

UN No.: - not reg	Class: -	Packg.Group: -	Hazchem: -
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### 15 REGULATORY INFORMATION

Poisons Schedule Number: Not classed as a poison.

### 16 OTHER INFORMATION

**AICS Listing:** All components of Tango are listed on the Australian Inventory of Chemical Substances (AICS).

Date: This MSDS issued: 08<sup>th</sup> June 2013

#### Abbreviations and Definitions of terms used:

<	less than
>	greater than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry

Number)	
COD	Chemical Oxygen Demand
deg C	Degrees Celsius
g	gram
g/L	grams per litre
HSIS	Hazardous Substance Information System
kg	kilogram
L	Litre
LC50	The concentration of a material (inhaled) that will be lethal to 50% of the test animals.
LD50	The dose (swallowed all at once) which is lethal to 50% of a group of test animals.
m3	Cubic metre
mg	milligram
mg/m3	milligrams per cubic metre
miscible	A liquid that mixes homogeneously with another liquid
N/A	Not applicable
N/K	Not Known
NIOSH	National Institute for Occupational Safety and Health
non-haz	Non- hazardous
PEL	Permissible Exposure Limit
ppb	Parts per billion
ppm	Parts per million
STEL	Short term exposure limit
TLV	Threshold Limit Value
TWA	Time Weighted average
UN	United Nations (Number)
wt	weight

The information in this Data Sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Agar Cleaning Systems accepts no tortious or contractual liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein.

**End of MSDS.**