

## MATERIAL SAFETY DATA SHEET

### SECTION 1: Chemical Product and Company Identification

Product name: **EARTHECCO Neutralize-IT**

Manufacturer's Code: **ECC-NI**

Date: **5/7/2014**

Description: **EARTHECCO Neutralize-IT** is a pH neutral 7. Designed for heavy duty cleaning and odor control. Derived from all natural plant extracts, With Broad Spectrum Sanitation Suitable for the use on multiple surface areas, without damage or residue.

Company: **EARTHECCO PTY LTD**

Address: **64 Parramatta Road, Glebe, NSW, 2037, Australia**

Telephone: **+61 450 484 533**

### SECTION 2: Composition/Information on Ingredients

CASNO	EINECS No	Component	Symbol	R & S phrases
61789-40-0	263-058-8	Nonionic Surfactant	None assigned	None assigned
15826-16-1	239-925-1	Nonionic Surfactant	None assigned	None assigned
68424 -85-1	264-151-6	Cationic Surfactant	None assigned	None assigned
77-92-9	201-069-1	Organic Acid	None assigned	None assigned
68-04-2	2000-675-3	Tri-sodium Citrate	None assigned	None assigned
7732-18-5		Filtered water	None assigned	None assigned

### SECTION 3: Hazards Identification

Classified as non-hazardous according to the criteria of Worksafe Australia, and not classified as a dangerous good according to the ADG code

**Health Effects:** EARTHECCO ingredients make up 5% of the product as a whole, health effects are minimal.

**Skin:** May cause irritation with prolonged exposure to those with sensitive skin

**Eye:** Minimal Irritant

**Inhaled:** No known Affect

**Swallowed:** Non Toxic/Non Hazardous. If swallowed drink copious amounts of water.

### SECTION 4: First Aid Measures

**Skin:** Rinse Skin with clean water

**Eye:** Rinse eyes with clean water for 15 minutes. If irritation continues, seek medical advice.

**Inhaled:** Remove victim to source of fresh air for 10 minutes.

**Swallowed:** Drink copious amounts of clean water.

**Advice to doctor:** Treat symptomatically

### SECTION 5: Fire Fighting Measures

Flash point (and method) >100°C (closed cup)

Flammable limits (STP): N/D

Extinguishing media: Water fog, Carbon Dioxide (CO2), Foam, Dry Chemical

Special firefighting protective equipment: Use self-contained breathing apparatus in confined areas.

### SECTION 6: Accidental Release Measures

EARTHECCO is non-toxic, readily biodegradable and fully water soluble. Small spillage's can be washed away with water to waste-water drain. Larger spillages should be disposed of in accordance with local regulations for disposal of non-hazardous chemical waste.

### SECTION 7: Handling and Storage

No special conditions are required. However, do not handle or use product until safety precautions recommended in this data sheet have been read and fully understood. Do not store the product in open or unlabeled containers.

### SECTION 8: Exposure controls / Personal Protection

No TLV's have been established for any of the components in EARTHECCO.

**Ventilation:** General ventilation

**Respiratory protection (specify type):** Not required with adequate ventilation.

**Eye and Protection:** Safety glasses | PVC Gloves.

### **SECTION 9: Chemical Stability and Reactivity Information**

**Incompatibility (materials to avoid):** Oxidizers      **Stability:** Normally Stable

**Hazardous polymerization:** Will not occur

### **SECTION 10: Physical and Chemical Properties**

<b>Appearance:</b>	Light gold to clear liquid.	<b>Solubility in water:</b>	100%
<b>Boiling point:</b>	100°C	<b>Freezing point:</b>	-1°C
<b>Percent volatiles:</b>	None	<b>Flammability limits:</b>	None
<b>pH:</b>	7	<b>Vapor pressure:</b>	<2
<b>Flash point:</b>	Not applicable	<b>Auto-ignition temperature:</b>	Not applicable

### **SECTION 11: Toxicological Information**

No data is available for the product as a whole. IUCLID data sets are available for EARTHECCO'S nonionic & cationic surfactants, organic acid and tri-sodium citrate.

CASNO	Component	LD50 oral (rat mg/kg)	Irritancy: Skin/Eyes	
68139-30-0	Nonionic Surfactant	no data	slight	slight
15826-16-1	Nonionic Surfactant	no data	slight	slight
68424 -85-1	Cationic Surfactant	no data	slight	slight
77-92-9	Organic Acid	12000	slight	moderate
68-04-2	Tri-Sodium Citrate	>8000	nil	slight

### **Section 12: Disposal Considerations**

Disposed or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. Avoid landfilling of liquids. Reclaim where possible.

### **Section 13: Transport Information**

The components of EARTHECCO are not controlled under the UNRTG 12<sup>th</sup> Revise Edition, and no special transportation condition is required

### **Section 14: Ecological Information**

No data is available for the product as a whole. IUCLID data sets are available for EARTHECCO'S nonionic & cationic surfactants, organic acid and tri-sodium citrate.

CASNO	Component	LC50 96hr (mg/kg)	EC50 <i>daphnia magna</i> (mg/kg)	EC <i>pseudomonas putida</i> (mg/kg)
68139-30-0	Nonionic Surfactant	2 ( <i>Brachydanio rerio</i> )	6.5	EC0 >3000
15826-16-1	Nonionic Surfactant	no data	no data	no data
68424 -85-1	Cationic Surfactant	no data	no data	no data
77-92-9	Organic Acid	1516 ( <i>Lepomis macrochirus</i> )	120	EC50>10000
68-04-2	Tri Sodium Citrate	>18000 ( <i>Poecilia reticulata</i> )	>5600	EC50>10000

### **Section 15: Regulatory Information**

All components in EARTHECCO are included in the European Inventory of Existing Substances (EINECS), the Australian Inventory of Chemical Substances (AICS), the Canadian Domestic Substances List (DSL), and the United States TSCA. They are not classified under EU legislation or the United States TSCA.

### **Section 16: Other Information**

The material contained in this Material Safety Data Sheet is provided in good faith and is believed to be correct as at the date hereof. However, it is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. EARTHECCO PTY LTD makes no representation as to the accuracy or comprehensiveness of the information and to the full extent allowed by law, excludes all liability whatsoever, whether with respect to negligence or otherwise, for any loss or damage.

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