



Environmental monitoring  
& sampling equipment  
Rentals and sales.

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214 Lord St Perth WA 6000

# ECO Zobell's Solution MSDS Information Sheet

## Overview

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Ingredient	CAS No	Proportion
Potassium Chloride	[ 7447 – 40 – 7 ]	0.75% w/v
Potassium Ferricyanide	[ 13746 – 66 – 2 ]	0.11% w/v
Potassium Ferrocyanide	[ 14459 – 95 – 1 ]	0.14% w/v
Water	[ 7732 – 18 – 5 ]	To 100%

**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA**

<b>Synonyms</b>	ORP Solution, Redox Solution
<b>Appearance</b>	Yellow Odourless Liquid
<b>Odours</b>	Nil
<b>Use(s)</b>	Analytical reagent for calibration ORP / Redox Sensors
<b>Supplier</b>	ECO Environmental Ph: 08 9328 2900

<b>Poison Schedule:</b> Not Scheduled	<b>UN</b> None	<b>Subsidiary Risk:</b> None Allocated
<b>Hazchem:</b> None Allocated	<b>Number:</b> Allocated	<b>D.G Class:</b> None Allocated

## Health Hazards

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<b>Swallowed</b>	May be Harmful if swallowed. May cause irritation of the gastric system.
<b>Eye</b>	May be irritating to eye tissue
<b>Skin</b>	May irritate skin tissue
<b>Inhalation</b>	Not considered a hazard with normal
<b>Chronic Effects</b>	No Data Available

## Precautions

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<b>Exposure Limits</b>	Work safe – None Established
<b>Engineering Controls</b>	Not usually required with normal use. If mist or aerosols generated, maintain personal exposure to minimal concentrations with extraction ventilation.
<b>Personal Protection</b>	Wear protective clothing including safety glasses and rubber or PVC gloves.
<b>Flammability</b>	Non-flammable

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## First Aid

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<b>Swallowed</b>	If conscious wash out mouth with water, Seek medical advice. Show this MSDS to medical practitioner.
<b>Eye</b>	Immediately hold eyelids open and flood with water for at least 15 minutes. Obtain medical aid. Show this MSDS to medical practitioner.
<b>Skin</b>	Remove contaminated clothing. Immediately wash skin thoroughly with water and mild soap. Seek medical advice if irritation persists. Show MSDS to medical practitioner.
<b>Inhaled</b>	Remove from contaminated air. Maintain breathing with artificial respiration if necessary. Seek medical assistance. Show MSDS to Doctor.
<b>Advice to Doctor:</b>	Treat Symptomatically

## Safe Handling Information

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<b>Storage and Transport</b>	Store sealed in original container in a cool well ventilated situation away from foods and other chemicals. Observe good hygiene and housekeeping practices. No special transport requirements apply.
<b>Spills and Disposal</b>	Asorb spills with sand or vermiculite. Transfer carefully to disposal contained. Dispose of in accordance with local regulations.
<b>Fire/Explosion Hazard</b>	Fire fighters should wear self contained breathing apparatus and impervious clothing if exposure to fumes is likely. Use water spray, foam or dry chemical to control fire situation if compatible with other chemical products in the vicinity.



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## Physical and Chemical Properties

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<b>Appearance</b>	Yellow odourless liquid
<b>Boiling Point (°C)</b>	100 (approx)
<b>Vapour Pressure (mm/Hg at 25°)</b>	25 (approx)
<b>Specific Gravity</b>	1
<b>Flash Point (°C)</b>	Non-flammable
<b>Flammability Limits (%)</b>	Non-flammable
<b>Solubility in Water (g/L)</b>	Completely miscible