



A.C.N. 005 363 833

## MATERIAL SAFETY DATA SHEET

September 2010  
Revised 12.12.2013

**PRODUCT NAME:** OXALIC ACID 0.1 M

**COMPANY DETAILS:**

Company: Wobelea Pty Ltd  
Address: 18 Embrey Court, Pakenham  
Phone: (03) 5940 1077  
Emergency: (03) 5629 5424

**OTHER NAMES:**

Acide oxalique  
Ethanedioic acid  
Ethanedionic acid  
Dicarboxylic acid

**TRADE NAMES:**

Oxalic Acid  
Oxalic Acid Diggers

**PHYSICAL DESCRIPTION/PROPERTIES**

Appearance: Colourless Liquid

**FORMULA:**

Molecular formula	C2-H2-04
Structural formula	Ho-CO-Co-OH
Chemical family	Dicarboxylic acids
Boiling Point:	Range 149-160°C (300-320°F) (dihydrate)
Melting Point:	101.5°C (215°F) (dihydrate)
Vapour Pressure:	Less than 0.001 mg Hg (0.13 pa) at 20°C
Specific Gravity:	(SG) 1.65 (dihydrate); 1.90 (anhydrous) (water=1)
Flash Point:	None by standard tests
Flammability Limits:	No data
Explosive Limits:	(LEL) Not available – (UEL) Not available



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Autoignition Temp:	Not available
Rel. Vapour Density:	Not applicable
Molecular Weight:	90.04 (anhydrous); 126.07 (dihydrate)
pH:	1.3 (0.1 M solution in water)

### HEALTH HAZARD:

**1. Swallowed:-**

If swallowed can cause burning pain in mouth, throat and stomach, followed by vomiting (corrosive effects)

**2. Eye:-**

Severe eye irritant and can cause redness, pain and damage to the cornea if contact occurs. Immediately flush the contaminated eye(s) with lukewarm water, gently flowing water for 20 minutes, obtain medical attention immediately.

**3. Skin:-**

Irritating to skin after prolonged contact. Avoid direct contact. Wear protective gloves.

### USE:

The major uses of oxalic acid are in textile cleaning, flame proofing, rust removal and fabric dyeing; metal and equipment cleaning; anti-corrosion coating; chemical intermediate and catalyst; in the ceramics, photography.

**The use of this oxalic acid is for cleaning probes. The solution is 0.1 M.**

### CONTACT:

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