

**UNCONTROLLED**

WILLIAM A. COOK AUSTRALIA PTY. LTD.

95 BRANDL STREET

BRISBANE TECHNOLOGY PARK, EIGHT MILE PLAINS

BRISBANE, QLD 4113, AUSTRALIA

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WWW.COOKMEDICAL.COM

ABN 79 005 526 723

# MATERIAL SAFETY DATA SHEET

**Product Name:** CULTURE SOLUTION

## 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Supplier Name:** WILLIAM A. COOK AUSTRALIA PTY LTD**Address:** 95 Brandl Street,  
Eight Mile Plains QLD, 4113,  
Australia

ABN 79 005 526 723

**Telephone:** 61 7 3841 1188**Fax:** 61 7 3841 1288**Emergency:** 1800 777 222 (EST 6am-5pm Weekdays)**Synonyms**

SYDNEY IVF MEDIAS: K-SIEB, K-SIFM, K-SICM, K-SIBM, K-SISM, K-SIHY, K-SIPV.

SYDNEY IVF BUFFERS: K-SIGB, K-SIFB (CONTAINS NO HSA), K-SISC.

SYDNEY IVF KITS: K-SITS, K-SICS, K-SIBF, K-SIBT, K-OCT, K-OCF, K-SIBV, K-SIBW

**Uses**

LABORATORY REAGENT, LABORATORY APPLICATIONS

## 2 HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient:	Formula	Conc.	CAS No.
ETHYLENEDIAMINETETRA-ACETIC ACID (EDTA)	C10-H16-N2-O8	<0.1%	60-00-4
WATER	H2O	>60%	7732-18-5
HUMAN SERUM ALBUMIN (HSA)		<10%	Not Available
GENTAMYCIN		<0.01%	1403-66-3

## 4 **FIRST AID MEASURES**

### **Eye**

Flush gently with running water. Seek medical attention if irritation persists.

### **Inhalation**

If over-exposure occurs, leave exposure area immediately. If irritation persists or breathing becomes laboured in any way, seek medical attention.

### **Skin**

Gently flush affected areas with water.

### **Ingestion**

For advice, contact a Poisons Information Centre on 13 11 26 (Australia-wide) or a doctor. If swallowed, do not induce vomiting.

### **Advice To Doctor**

Treat symptomatically.

## 5 **FIRE FIGHTING MEASURES**

### **Flammability**

Non-flammable. No fire or explosion hazard exists.

### **Fire and Explosion**

Non-flammable. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self-Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**Extinguishing**                      Non-flammable

**Hazchem Code**                      None Allocated

## 6 **ACCIDENTAL RELEASE MEASURES**

### **Spillage**

If spilt, mop up area and wash residue down with water. For large spills, wear safety glasses and PVC/rubber gloves during cleanup. Caution spill site may be slippery.

## 7 **HANDLING AND STORAGE**

### **Handling**

Before use, carefully read the product label. Use of safe work practices is recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas (e.g. if container is damaged).

### **Storage**

Store in cool, dry area, removed from foodstuffs. Ensure containers are labelled, protected from physical damage and sealed when not in use.

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION****Ventilation**

Ensure adequate natural ventilation.

**Exposure Standards**

An exposure standard (ES-TWA, ES-STEL, WES-TWA, ES-PEAK, ES-TLV) has not been allocated to the ingredients contained in this product.

**PPE**

Wear splash-proof goggles or safety glasses. With prolonged use, wear PVC or rubber gloves.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	CLEAR COLOURLESS LIQUID
<b>Odour</b>	SLIGHT ODOUR <b>pH</b>
	NOT AVAILABLE
<b>Vapour Pressure</b>	18 mm Hg @ 20 C
<b>Vapour Density</b>	NOT AVAILABLE
<b>Boiling Point</b>	100 C (Approximately)
<b>Melting Point</b>	< 0 C
<b>Evaporation Rate</b>	AS FOR WATER
<b>Solubility (water)</b>	SOLUBLE
<b>Specific Gravity</b>	1.0 (Approximately)
<b>% Volatiles</b>	> 60 % (Water)
<b>Flammability</b>	NON-FLAMMABLE
<b>Flash Point</b>	NOT RELEVANT
<b>Upper Explosion Limit</b>	NOT RELEVANT
<b>Lower Explosion Limit</b>	NOT RELEVANT
<b>Autoignition Temperature</b>	NOT AVAILABLE

**10 STABILITY AND REACTIVITY****Reactivity**

Compatible with most commonly used materials.

**Decomposition Products**

May evolve toxic gases if heated to decomposition.

## 11 **TOXICOLOGICAL INFORMATION**

### **Health Hazard Summary**

Low toxicity – low irritant. No adverse health effects are anticipated with normal use of this product.

### **Eye**

Low irritant. Exposure may result in irritation and lacrimation.

### **Inhalation**

Low irritant. Over-exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.

### **Skin**

Low irritant. Prolonged and repeated contact with the skin may result in mild irritation.

### **Ingestion**

Low toxicity. Ingestion may result in headache, nausea, vomiting, gastrointestinal irritation and diarrhoea.

### **Toxicity Data**

ETHYLENEDIAMINETETRA-ACETIC ACID (EDTA)  
(60-00-4) LD50 (Ingestion): 30 mg/kg (mouse)

## 12 **ECOLOGICAL INFORMATION**

### **Environment**

This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate.

## 13 **DISPOSAL CONSIDERATIONS**

### **Waste Disposal**

No special precautions are required for the disposal of this product.

### **Legislation**

Dispose of in accordance with relevant local legislation.

## 14 **TRANSPORT INFORMATION**

### **Transport**

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**UN Number** None Allocated

**DG Class** None Allocated

**Subsidiary Risk(s)** None Allocated

**Packing Group** None Allocated

**Hazchem Code** None Allocated

**15 REGULATORY INFORMATION****AICS**

All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

**Poison Schedule**

A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**16 OTHER INFORMATION****ADDITIONAL INFORMATION**

Additional supplier contact details:

Cook Medical Incorporated, PO Box 4195, Bloomington, Indiana 47402-4195, USA

Phone: 812 339 2235, Toll Free: 800 457 4500, Toll Free Fax: 800 554 8335.

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES**

The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

**HEALTH EFFECTS FROM EXPOSURE**

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report that would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**ABBREVIATIONS:**

mg/m<sup>3</sup>: Milligrams per cubic metre

ppm: Parts Per Million

TWA/ES: Time Weighted Average or Exposure Standard

CNS: Central Nervous System

NOS: Not Otherwise Specified

pH: Relates to hydrogen ion concentration – this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline

CAS#: Chemical Abstract Service number – used to uniquely identify chemical compounds

M: Moles per litre, a unit of concentration

IARC: International Agency for Research on Cancer

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**Report Status**

Chem Alert reports are compiled as an independent source of information by RMT's scientific department. The information is based on the latest chemical and toxicological research and in compliance with relevant standards, guidance notes and legislation (where applicable). The Chem Alert report is not intended as a replacement to the manufacturer's original MSDS that is provided to Chem Alert subscribers for convenience. In many instances, Chem Alert reports are compiled on behalf of manufacturers, in which case they serve as the 'Manufacturer's MSDS' and are clearly identified as such on the relevant reports.