

Material Safety Data Sheet

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Infosafe No. ACPLG

Issue Date: May 2007

ISSUED by SOUTHBIOL

Product Name: ACETO-ORCEIN

Classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name Southern Biological (ABN 25 838 926 933)
Address 19-21 Worrell Street Nunawading Vic 3131 Australia
Tel/Fax Tel: +61 3 9877 4597 Fax: +61 3 9894 2309

IDENTIFICATION

Product Name ACETO-ORCEIN
Proper Shipping Name ACETIC ACID SOLUTION
UN Number 2790
DG Class 8
Packing Group II
Hazchem Code 2R
Poisons Schedule S5

Physical Data

Appearance Dark red liquid with a pungent odour.
Melting Point Not available
Boiling Point Not available
Vapour Pressure Not available
Specific Gravity Not available
Flash Point Not available
Flamm. Limit LEL Not available
Solubility in Water Soluble

Other Properties

Stability Stable
Haz. Polymerization Will not occur
Materials to Avoid Oxidizers, alkalies and mineral acids.

Ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Acetic acid	64-19-7	30-60 %
	Other ingredients determined not to be hazardous.		Balance

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HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed

Ingestion may cause nausea, vomiting and chemical burns to the mouth and throat.

Acute - Eye

Eye contact will cause stinging, blurring, severe irritation and pain and possible permanent corneal damage.

Acute - Skin

Skin contact will cause redness, itchiness, irritation and chemical burns with resultant tissue destruction.

Acute - Inhaled

Inhalation may cause severe irritation to the respiratory system.

Chronic -

Due to the severity of acute effects no chronic effects are likely to occur.

First Aid

Swallowed

DO NOT INDUCE VOMITING. Wash out mouth with water and give plenty of water to drink. Seek immediate medical attention.

Eye

If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical attention.

Skin

Wash affected area extremely thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Obtain medical attention if blistering occurs or redness persists.

Inhaled

Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop seek medical attention.

First Aid Facilities

Eye wash station, safety shower and normal washroom facilities.

Advice to Doctor

Advice to Doctor

Treat symptomatically or consult a Poisons Information Centre.

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Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Acetic acid	37	15	25	10	

Eng. Controls Ensure sufficient ventilation to keep airborne concentrations below exposure limits. Local exhaust ventilation may be required.

Personal Protection

Respirator Type (AS 1716)	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
Eye Protection	Safety glasses with side shields or goggles should be worn as described in Australian Standard AS/ANZ 1337 - Eye Protectors for Industrial Applications.
Clothing	Suitable protective clothing should be worn e.g. cotton overalls buttoned at neck and wrist.
Work/Hygienic Practices	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

Flammability

Fire Hazards This product may burn if exposed to fire.

SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions	Store in a cool, dry, well-ventilated area away from sources of ignition and incompatible materials. Keep containers tightly closed when not in use.
Transport	This material is a Class 8 Corrosive Substance according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 8 - Corrosive Substances are incompatible in a placard load with any of the following:

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-Class 1, Explosives
-Class 4.3, Dangerous When Wet Substances
-Class 5.1, Oxidising Agents & Class 5.2 - Organic Peroxides
-Class 6, Toxic Substances (where the Toxic substances are cyanides and the corrosives are acids),
-Class 7, Radioactive Substances
and are incompatible with food and food packaging in any quantity.

Proper Shipping Name ACETIC ACID SOLUTION
ADG EPG Number 8A1
ADG IERG Number 36
Packaging Method 5.9.8, RT7

Spills and Disposal

Spills & Leaks Remove all sources of ignition. Increase ventilation. Wear appropriate breathing apparatus and full protective clothing to minimise skin and eye exposure. Place inert, non-combustible absorbent such as vermiculite, sand or dirt onto material. Collect the material and place into a suitable labeled container for subsequent disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

Disposal Dispose of according to relevant local, state and federal government regulations.

Fire/Explosion Hazard

Fire/Explos. Hazard This product may burn if exposed to fire.

Hazardous Combustion Products Underfire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Fire Fighting Procedures Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

Extinguishing Media Use water fog, foam or dry agent.

Hazchem Code 2R

OTHER INFORMATION

Toxicology No toxicology data available for this product.

Risk Statement R34 Causes burns.

Safety Statement S24/25 Avoid contact with skin and eyes.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Hazard Category

Corrosive

CONTACT POINT

Contact

Southern Biological
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0425 725 875 (AH)

...End of MSDS...