

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (material) Name: Uranyl Acetate. Catalogue # C079.
Other Names:
Recommended Use: A stain for electron microscopy.

Supplier Name: ProSciTech
Postal Address: PO Box 111, Thuringowa Central Qld. 4817 Australia
Street Address: 1/11 Carlton Street, Kirwan, Qld. 4817 Australia
Telephone Number: (07) 4773 9444
Fax Number: (07) 4773 2244
Emergency Contact: (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification: Hazardous according to criteria of NOHSC.
Risk Phrases:
Safety Phrases:

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE:
Chemical Identity: Uranyl Acetate.
Common Name(s):
CAS Number(s): 541-09-3

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Uranyl Acetate	541-09-3	

SECTION 4 - FIRST AID MEASURES

Swallowed: Wash out mouth thoroughly with water and give plenty of water to drink. Get immediate medical attention.
Eye: Wash eyes with plenty of water for at least 10 minutes. If irritation occurs/persists seek medical attention.
Skin: Wash skin with plenty of water. Remove contaminated clothing and wash before reuse. If irritation occurs/persists seek medical attention.
Inhaled: Remove person to fresh air. Seek immediate medical attention.
First Aid Facilities: Safety shower, eyebath.
Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:
Hazards from Combustion
Products:
Precautions for Fire Fighters:
Hazchem Code: RT

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:
Containment and clean up: Mix with sand, transfer carefully to a container, and arrange removal by a disposal company. Wash spill site thoroughly with water and detergent. For large spills contain them with sand or earth and follow the previous method. If material has entered surface drains it may be necessary to inform local authorities.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:	Use only in a well ventilated area while wearing appropriate protective equipment. Wash thoroughly after handling.
Conditions for Safe Storage:	Store in a cool, dry, well-ventilated area away from incompatible materials.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:	OES, mg/m ³ (long term 8hr TWA): 0.2
Biological Limit Values:	No biological limit allocated.
Engineering Controls:	Use only in a well ventilated area.
Personal Protective Equipment:	If ventilation is insufficient use a dust respirator. Wear rubber or plastic gloves, chemical safety goggles/glasses, plastic apron, sleeves and boots.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Yellow crystalline solid.
Odour:	Not available.
pH:	Not available.
Vapour pressure:	Not available.
Vapour density:	Not available.
Boiling point/range:	Not available.
Freezing/melting point:	Not available.
Solubility:	Soluble in water.
Specific gravity or density:	Not available.
Flash Point:	Not available.
Flammable (explosive) limits:	Not available.
Ignition temperature:	Not available.
Additional Information:	

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Conditions to avoid:	
Incompatible Materials:	Strong oxidising materials.
Hazardous Decomposition Products:	
Hazardous Reactions:	

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute and chronic health effects:	LD50 oral rat: 204mg/kg (solid).
Possible routes of exposure:	Ingestion, inhalation, skin contact.
Range of effects following exposure:	Very toxic by ingestion and if inhaled as dust. Toxic by skin contact if skin is cut or abraded.
Dose likely to cause injury:	
Delayed effects:	
Relevant negative data:	Should be treated as a suspected carcinogenic.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	
Persistence and degradability:	
Mobility:	
Additional Information:	

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods:	Dispose of through local authorities if appropriate facilities are available or contact a local chemical disposal company.
Special Precautions:	

SECTION 14 - TRANSPORT INFORMATION

UN Number: UN2910
UN Proper Shipping Name: Radioactive material, excepted package - limited quantity of material.
Class and Subsidiary risk: 7
Packing Group:
Special Precautions for User:
Hazchem Code: RT

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: None allocated

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: 10 April 2008