


MATERIAL SAFETY DATA SHEET
NUVO AUSTRALIA PTY LTD

(ACN 089 731 617)

324/ 23 MILTON PARADE

MALVERN VIC 3144 AUSTRALIA

PHONE: (03) 9822 2209

FAX: (03) 9822 2109

EMERGENCY No. 0419 341 095 any time

http://www.nuvo.com.au

PRODUCT: TRIACETINE

PRODUCT NAMES: Triacetine**OTHER NAMES:** GTA, Glycerol Triacetate**UN NUMBER:** Not applicable**HAZCHEM CODE:** Not applicable**PACKAGING GROUP:** Not applicable**USES:**

Plasticiser in food packaging, pharmaceutical fields, solvent.

DANGEROUS GOODS:**CLASS & SUB RISK:** Not applicable**POISONS SCHEDULE:** Not applicable**STATEMENT OF HAZARDOUS NATURE:**

Not classified as hazardous according to criteria of Worksafe Australia

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE/ODOUR	:	Clear, oily liquid, slight odour.
BOILING POINT	:	258°C at 760 mmHg
FLASH POINT	:	153°C
REFRACTIVE INDEX	:	1.4310 at 25°C
VAPOUR PRESSURE	:	10 mmHg at 140°C
FREEZING POINT	:	4.1°C (supercools to about -70°C)
SOLUBILITY IN WATER	:	7.17 at 15°C wt%, 5.3 at 25°C wt%
FLAMMABILITY LIMITS	:	1.05 Vol. % at 189°C
SPECIFIC GRAVITY	:	1.1596 (20°C)
AUTOIGNITION TEMP.	:	432°C
OTHER PROPERTIES		
Boiling Water Stability	:	0.65% hydrolysed after 1hour
Solubility in Pet. Derivatives	:	Negligible
Viscosity	:	23 cps (20°C)

INGREDIENTS:

CHEMICAL ENTITY	CAS No.	PROPORTION
1,2,3 Triacetoxo Propane	102-76-1	>98%

1. HEALTH HAZARD INFORMATION**Health Effects:****Swallowed**

May be harmful if swallowed.

Eyes

May cause eye irritation.

Skin

May cause skin irritation.

Inhaled

May result in slight respiratory irritation.

Chronic:

Effects are not known.

2. FIRST AID**Swallowed**

Rinse mouth with water. Obtain medical attention.

MATERIAL SAFETY DATA SHEET**PRODUCT: TRIACETINE****Eyes**

Flush with water for at least 15 minutes. Obtain medical attention.

Skin

Remove contaminated clothing and contaminated shoes. Wash skin with water and soap. Obtain medical attention.

Inhaled

Move victim to fresh air then seek medical attention.

Toxicity Data:

Toxicity data for products of similar composition:

Acute oral toxicity: LD50 >3000 mg/kg (rat)

3. PRECAUTIONS FOR USE**Exposure standards**

An exposure standard has not been established for this product.

Engineering controls

Ensure workplace is well ventilated. Breathing must be protected when decanting large quantities of product without local exhaust ventilation.

Personal protection

Protective goggles

Protective gloves

Anti-static safety shoes

Use self-contained breathing apparatus

Protective clothing

Environment

This product is classified as slightly polluting in water.

Personal protection comments

Employ good hygiene practices when using. Wash hands thoroughly after handling.

A safety shower and eyewash fountain should be available in all work areas.

Flammability

Not flammable under normal conditions of use.

4. SAFE HANDLING INFORMATION**Storage conditions**

Avoid contact with eyes, skin and clothing. Avoid prolonged and repeated exposures. Keep away from heat and flame.

Keep tightly closed in a dry and cool place.

Not subject to hazardous substances labelling.

Spills & disposal

Collect the released product in a clean and dry container using clean and dry tools. Cover the released product with absorbing materials. Place waste in labelled containers for disposal. Incinerate in a furnace where permitted under local regulations.

Fire/Explosion Hazard

In case of fire use water, alcohol foam or CO₂. When heated to decomposition it emits acrid smoke and irritating fumes. The degree of risk is governed by the burning substance and the fire conditions. In case of fire, wear self-contained breathing apparatus. Incompatible with strong oxidisers.

This product is flammable when exposed to heat, flame or oxidisers.

CONTACT POINT: Emergency response No. 0419 341 095 (all hours)

DISCLAIMER: The information given in this data sheet is based on data supplied by the manufacturer and is, to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. The information and recommendations offered are for the user's consideration and it is the user's responsibility to satisfy themselves that they are suitable and complete for this particular purpose. We recommend that the safety and handling information presented in this data sheet be passed on, in an appropriate format, to your customers and handlers.