

MATERIAL SAFETY DATA SHEET

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PRODUCT NAME: Calcigol Plain
Sterile Calcium Borogluconate Injection

IDENTIFICATION

UN No:	None allocated	Hazchem:	None allocated
Packaging group:	None allocated	EPG:	None allocated
Class:	None allocated	Poisons Schedule:	None allocated

Non-hazardous according to the criteria of Worksafe Australia

HAZARDOUS INGREDIENTS

Boric Acid	50.0- 100.0 g/L
Benzoic Acid	0.1 - 1.0 g/L

PHYSICAL DATA

BOILING POINT (°C):	>100	MELTING POINT (°C):	N/A
RELATIVE DENSITY (H₂O=1):	1.18	VAPOUR PRESSURE @ 20°C:	N/A
VAPOUR DENSITY (AIR=1):	N/A	SOLUBILITY IN H₂O % BY WT.:	100
% VOLATILES BY VOLUME:	Nil	pH:	4.5 ± 0.5
APPEARANCE AND ODOUR:	Clear to straw liquid with no appreciable aroma		

FIRE AND EXPLOSION DATA

FLASH POINT (°C):	N/A	SUBLIMATION POINT:	N/A
AUTO IGNITION TEMP (°C):	N/A	EXPLOSIVE LIMITS (Kg/m³):	N/A
VISCOSITY:	N/A	EVAPORATION RATE:	N/A

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

No adverse health effects expected if this product is handled in accordance with this Data Sheet.
Possible symptoms of mishandling are:

ACUTE EFFECTS:

SWALLOWING:

Ingestion can result with slight diarrhoea.

EYE:

A moderate eye irritant.

INHALED:

Nil.

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CHRONIC EFFECTS:

Large oral doses may cause liver and brain damage to small children.

FIRST AID

SWALLOWED:

If ingested in large amounts and if more than 15 minutes from a hospital, induce vomiting, preferably using IPECAC syrup APF.

EYE:

Irrigate with clean water or weak saline solution for at least 15 minutes.

SKIN:

Remove contaminated clothing and wash thoroughly.

INHALED:

N/A

ADVICE TO DOCTOR:

Treat symptomatically.

TOXICITY:

Intravenous (Rat) LD₅₀: 2861 mg/Kg

Oral (Mouse) LD₅₀: 50735 mg/Kg

* Based on constituent data.

EXPOSURE STANDARDS:

No value assigned for this specific material by Worksafe Australia.

ENGINEERING CONTROLS

N/A

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:

Not defined as a Dangerous Good by the ACTDG by Road or Rail.

Store below 30°C (Room Temperature) in original container, in a dry place. Protect from light.

SPILLS:

Cover with a damp absorbent, such as sand, soil or other inert material. Sweep up, avoid generating dust and seal in properly labelled drums for collection and disposal.

DISPOSAL:

Dispose of unwanted packaging by wrapping in paper and placing in garbage. Discarded needles should be placed in an appropriately labelled "sharps" container for collection or burial at a suitable chemical disposal pit.

FIRE / EXPLOSION HAZARD:

Combustible. On burning will emit fumes such as Carbon oxides and acrid smoke. Fire fighters to wear breathing apparatus if risk of exposure to products of combustion.

EXTINGUISHING MEDIA:

Water fog or spray, foam, dry agent (carbon dioxide, dry chemical powder)

ENVIRONMENTAL IMPACT:

Non toxic.

This data sheet summarises our best knowledge of this product at the time of printing. Since we cannot control the conditions of use, the user must, prior to opening, review this data sheet for health and safety information.