

Material Safety Data Sheet

1. IDENTIFICATION

Product Name:	CalSap
Other Names:	None Allocated
UN No.:	None Allocated
Dangerous Goods Class:	N/A
Subsidiary Risk:	None Allocated
Hazchem Code:	N/A
Pack Group:	0
EPG:	N/A
Poisons Schedule:	N/A

2. PHYSICAL DESCRIPTION / PROPERTIES

Appearance:	Dark brown viscous liquid with sweet ammonia smell		
Product Description:	CalSap is a high soluble calcium product for use in agriculture as a plant foliar and soil conditioner		
Ingredients:	Not available		
Chemical composition:	Not available		
COMPONENTS		PROPORTION	
Calcium Carboxylate		30 – 60%	
Other ingredients determined not to be hazardous		>60%	
Boiling Point:	N/A	Specific Gravity:	1.25 – 1.35
Melting Point:	N/A	Sublimation Point:	N/A
Decomposition Point:	N/A	Flash Point:	N/A
Vapour Pressure:	N/A	Flammability limits:	N/A
Viscosity:	N/A	Auto ignition Temp:	NAV
pH:	12.5 – 13.0	Upper Explosion Limit:	NAV
Percentage Solids:	NAV	Solubility in water	NAV
Other Properties:	Reacts with strong acids		
NAV = Not Available	N/A = Not Applicable		
Stable solid with no known hazardous decomposition			
Non Hazardous according to the criteria of Worksafe Australia			

3. HAZARDS IDENTIFICATION

3.1 HEALTH HAZARD INFORMATION

Hazards Identification: Irritant, caustic reaction

Ingestion

Ingestion of this product may irritate the gastric tract. May cause diarrhea, nausea, vomiting and cramps if ingested.

Eye

This material maybe irritating to eyes. Eye protection necessary during application

Skin

Prolonged contact may cause irritation or allergic dermatitis

Inhaled

May cause irritation to respiratory system if mists or sprays inhaled

3.2 HEALTH EFFECTS – CHRONIC

No information available.
No known significant health effects

3.3 FIRST AID

Ingested

Do not induce vomiting. Wash mouth and lips with copious amounts of water and give limited amounts of water and milk. **Do not** give anything by mouth to an unconscious person. Seek medical attention

Eye

Irrigate with copious quantities of water for 15 minutes. In all cases of eye contamination it is sensible to seek medical advice

Skin

Immediately wash skin with soap and copious amounts of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice

Inhalation

Remove victim to fresh air. If not breathing give artificial respiration. If breathing is difficult, have qualified person give oxygen through a face mask. Seek medical advice if effects persist

First Aid Facilities

Ensure eye bath and safety shower available and ready for use.

Advice to Doctor

Treat symptomatically and supportively.

4. PRECAUTIONS FOR USE

4.1 Exposure standards

Not established

4.2 Engineering measures

Avoid generating and inhaling fumes. Provide natural or mechanical ventilation to minimize exposure. Keep containers closed when not in use.

4.3 Personal Protection

Hand Protection: Wear rubber gloves

Eye Protection: Wear chemical safety goggles unless a full face respirator is worn

Skin Protection: Wear protective clothing with rubber boots.

4.4 Flammability

Not flammable under conditions for use

5. SAFE HANDLING INFORMATION

5.1 Storage/Transport

Keep containers closed at all times. Check regularly for spills. Avoid extreme temperatures. Handle in accordance with good industrial safety practices.

Store separate from acids, reactive metals and ammonium salts. Do not store in aluminum, fiberglass, copper, brass, zinc or galvanized containers.

Avoid storage and contact with strong acids.

5.2 Spills and Disposal

Spills

Clean up personnel should wear full protective clothing including breathing equipment if fumes prevail. Cover with damp absorbent inert material (sand or soil). Collect and seal in properly labeled drums for disposal. Avoid contaminating waterways.

Disposal

Observe all federal, state and local environmental regulations. Refer to Department of Environment for guidelines.

5.3 Fire & Explosion Hazard

Fire/Explosion

Not considered to be a significant fire risk

Extinguishing Media

Water jets or water spray

6. OTHER INFORMATION

6.1 Contact Points

Organisation	Location	Telephone	Ask for
Optima Agriculture Pty Ltd	Osborne Park WA	08 9445 1819 0427 077 036	Managing Director Mr. Brendan Edwards
Poisons Information Centre	Perth	13 11 26	

7. COMPANY INFORMATION

Supplier:	Optima Agriculture Pty Ltd
Address:	43 Hector Street Osborne Park W.A. 6916
Telephone:	(08) 9445 1819
Facsimile:	(08) 9244 2071
E-Mail:	sales@optimaagriculture.com.au
Web:	www.optimaagriculture.com.au

End of MSDS