



Section 1 - Identification of The Material and Supplier

Green Workz Pty Ltd
21 Ballantyne Road
Kewdale WA 6105

0417 986 285

Chemical nature: Liquid (micronutrient) calcium solution
Trade Name: PGF Foli Cal
Product Use: For crops, trees, ornamentals, turf, hydroponics & soil remediation
Creation Date: December 2022
This version issued: December 2022 and is valid for 5 years from this date.
Poisons Information Centre: Phone 13 1126 from anywhere in Australia

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as: Not classified as hazardous according to the criteria of SWA.

Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code

SUSMP Classification: None scheduled.

ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

UN Number: None allocated

GHS Signal word: NONE. Not hazardous.

PREVENTION

P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P281: Use personal protective equipment as required.

RESPONSE

P353: Rinse skin or shower with water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P370+P378: Not combustible. Use extinguishing media suited to burning materials.

STORAGE

P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Emergency Overview

Physical Description & Colour: Dark Liquid

Odour: Metallic odour.

Major Health Hazards: Large quantities may cause gastrointestinal irritation

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No
Calcium Nitrate	13477-34-4
Sodium Glucoheptonate	31138-65-5

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. Seek medical attention if necessary.

Ingestion: Rinse mouth thoroughly with water. DO NOT INDUCE VOMITING.

Skin Contact: Irritating to eyes. Immediately flush the contaminated eye(s) with cold, gently flowing water for 5 minutes. Remove contact lenses, if applicable and continue flushing for 15 minutes. Rise entire surface of the eye(s) and lids. If irritation persists, seek medical attention.

Eye Contact: Flush immediately with copious amounts of water. Continue flushing for at least 15 minutes and seek medical attention. Overexposure causes excessive watering, redness.

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Section 4 - First Aid Measures

PPE for First Aiders: Wear safety shoes, overalls, gloves, safety glasses. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Notes to Doctor: Treat symptomatically.

Section 5 - Fire Fighting Measures

Hazchem Code: Not applicable.

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Specific hazards: Non-combustable

Fire fighting further advice: None

Decomposition Products: Carbon dioxide, carbon monoxide

Section 6 - Accidental Release Measures

PERSONAL PRECAUTIONS

Ensure cap is sealed tightly. Do not puncture container. Keep away from sharp objects and use caution around forklifts.

CLEANUP PROCEDURES

Stop leak if without risk. Cover drains. Immediately apply absorbent material and place contents and package for disposal. Wash area with water. Continue applying absorbent material and washing until spill has been absorbed and no odor remains. Block off area to avoid slipping. Consult local, state, and federal regulations before disposing this material/recover drums.

Section 7 - Handling and Storage

Handling: Use appropriate protective clothing (PPE).

Storage: Ensure cap is re-applied. Keep containers closed when not in use. Do not contaminate water, food, feed by storage or disposal. Follow good industrial hygiene practices, store between 4°C and 38°C.

Section 8 - Exposure Controls and Personal Protection

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures: Use adequate, general or local exhaust ventilation.

Personal Protection Equipment: SAFETY SHOES, OVERALLS, GLOVES, SAFETY GLASSES.
Wash hands after use.

Wear safety shoes, overalls, gloves, safety glasses. Chemical-resistant rubber gloves are recommended. However, due to variations in glove construction and local conditions, the user should make a final assessment. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Avoid contact with eyes and skin, wash thoroughly after handling and before eating, drinking, smoking and toilet usage to prevent exposure. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

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Section 9 - Physical and Chemical Properties:

Physical Description & Colour:	Dark Amber
Odour:	Metallic
Solubility:	Completely Miscible
Vapour Pressure (20 °C):	N/A
Flash Point (°C):	Non-flammable
Boiling Point/Range (°C):	99°C
Freezing Point/Range (°C):	>0°C
Storage Temperature:	Above 4°C
pH @21°C:	6.5
Viscosity @21°C:	1-10cps
Total Weight (per/Litre):	1.35 Kg @ 21°C

(Typical values only - consult specification sheet)

N/A = Not applicable

Section 10 - Stability and Reactivity

Chemical stability: Stable

Conditions to avoid: Avoid contact with unfinished wood, painted surfaces, masonry or concrete surfaces as this product may cause staining

Incompatible materials: N/A (None known)

Hazardous decomposition products: CO, CO₂, particulate matter and other organic compounds.

Hazardous reactions: No known hazardous reactions.

Section 11 - Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Repeated skin exposure may cause some skin irritation.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: Liquid contact may cause slight eye irritation

Acute toxicity

Ingestion: Non-toxic or pathogenic

Eye: No corneal or iridal effects were noted at a dose of 0.1 ml for rabbits.

Skin: Moderate irritation, reversible within 7 days.

Chronic Toxicity

Mutagenicity: This material has been classified as non-hazardous.

Carcinogenicity: This material has been classified as non-hazardous.

Reproductive toxicity (including via lactation): This material has been classified as non-hazardous.

Specific target organ toxicity (repeat exposure): This material has been classified as non-hazardous.

Section 12 - Ecological Information

Toxicity: This material is not classified as hazardous. Use according to good working practices.

Ecotoxicity: N/E

Mobility in Soil: This product is biodegradable in soil by microbial activity.

Other Adverse Effects: N/E. None known.

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Section 13 - Disposal Considerations

Waste should be avoided or minimized wherever possible. Empty containers may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14 - Transport Information

UN Number:	N/A	Environmental Hazards:	N/A
UN Shipping Name:	N/A	Guidance on Transport in Bulk:	N/A
Transport Hazard Class:	N/A	Special Precautions:	N/A
Packing Group Number:	N/A		

Section 15 - Regulatory Information

Department of Transportation: DOT classification - Not classified as dangerous goods.

Section 16 - Other Information

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

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