

MATERIAL SAFETY DATA SHEET

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PRODUCT: DutchTreat 'Grow' / DutchTreat 'Bloom'

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE
AUSTRALIA

Company: Flairform Products
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IDENTIFICATION

Product Name: DutchTreat 'Grow' / DutchTreat 'Bloom'
Manufacturers Product Code: DutchTreat 'Grow' / DutchTreat 'Bloom'
Shipping Name: Not applicable
UN Number: None allocated
Dangerous Goods Classification: None allocated
Subsidiary Risk: None
Hazchem Code: None allocated
Poisons Schedule Number: Not Scheduled
Packing Group: None allocated
EPG: None allocated

Use: *For hydroponic use:* Fill tank with water. Add DutchTreat at a maximum rate of 8ml per litre. Stir thoroughly then check and adjust pH to within the range of 5.0 and a maximum of 6.0. *For soil use:* Ensure soil is well moistened prior to application. Add DutchTreat to water at a maximum rate of 60ml per 10 litres then apply directly to root zone.

PHYSICAL DESCRIPTION / PROPERTIES:

Appearance: forms white slurry upon shaking
Boiling Point: > 100°C (water only).
Vapour Pressure: 17 mm of Hg @ 20C
Specific Gravity: 1.14
Flashpoint: Not flammable
Flammability Limits: Not flammable
Solubility in Water: Soluble in all proportions
pH: 4.0
Corrosiveness: non corrosive

INGREDIENTS:

Chemical Name	Chemical Abstract Number	Proportions (%W/V)	
		DutchTreat 'GROW'	DutchTreat 'BLOOM'
Potassium nitrate	7757-79-1	12	10
Calcium nitrate	13477-34-4	6	4
Magnesium nitrate	10377-60-3	5	4
Magnesium sulphate	10034-99-8	1	1
Potassium phosphate	7778-777-0	2	2
Ammonium phosphate	6484-52-2	2	2
Iron (as EDTA)	N/A	0.05	0.05
Manganese (as EDTA)	N/A	0.015	0.015
Boron	N/A	0.003	0.003
Molybdenum	N/A	0.002	0.002
Copper (as EDTA)	N/A	0.0015	0.0015
Zinc (as EDTA)	N/A	0.0015	0.0015
Cobalt (as EDTA)	N/A	0.0002	0.0002
Water		to 100%	to 100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

No specific data is available.

ACUTE EFFECTS

Swallowed: Discomfort from swallowing large amounts.

Eye: May cause irritation.

Skin: May cause irritation.

Inhaled: Not applicable

FIRST AID:

Swallowed: Drink large amounts of water or milk. Seek medical advice.

Eye: If this product comes in contact with eyes, hold open and wash with running water for at least 15 minutes. Ensure irrigation under eyelids by occasionally lifting them. Do not try to remove contact lenses unless trained. Seek medical attention.

Skin: If this product comes in contact with skin, wash with water. Remove contaminated clothing and footwear. Ensure contaminated clothing is thoroughly washed before using again.

Inhaled: Not applicable

Advice to doctor: Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Standards:

No exposure standards have been established for this product by Worksafe Australia.

Engineering Controls:

Do not mix with any other material. Keep containers closed at all times when not in use.

Personal Protection:

Respiratory protection: No special precautions required.

Protective gloves: Rubber PVC or other protective gloves should be used by persons prone to skin irritation.

Eye protection: Protective glasses should be used when using this product.

Clothing: No special precautions required.

Safety boots: Not required. Normal foot-ware is usually adequate.

Flammability limits: Does not burn.

After using this product always wash hands before smoking, eating, drinking or using the toilet.

SAFE HANDLING INFORMATION

Safety phrases are: Wear suitable protective clothing, gloves and eye protection.

Storage and Transport:

No special transport and storage requirements. This material has no UN classification.

Containers should be kept closed to minimize contamination. To preserve integrity of product, store in a cool, dark place.

Spills and Disposal:

Spills

Will promote algae growth therefore prevent from entering rivers, canals and other waterways. Stop leak if safe to do so and contain spill. Absorb into vermiculite or other absorbent material. Sweep up and shovel or collect recoverable product into labeled containers for recycling or salvage. Recycle containers wherever possible. After spills, wash area, prevent runoff from entering drains. If material enters drains, dilute with excess water. Dispose only in compliance with local state and federal regulations. Launder all contaminated clothing before reuse.

Fire Explosion Hazard:

Fire hazard: None.

Flash point: Does not burn.

Extinguishing media: Carbon dioxide, dry chemical, water spray.

Special fire fighting procedures: Not required.

Unusual fire and explosion hazards: Other than listed above, heat does not produce any known decomposition products. There is no chance of an explosion from this product if involved in a fire. Heat may cause rupture of containers if involved in a fire.

Stability: Stable

Polymerization: Will not polymerize.

Decomposition products: No known decomposition products.

Materials to Avoid: None.

OTHER INFORMATION

Contact Points:

ORGANISATION	LOCATION	TELEPHONE	ASK FOR
Flairform Products	Kardinya, Western Australia.	(+61) 8 9314 7595 (Wk) (+61) 8 9433 5875 (Ah) (Mob.) 0409 084 871 Email: sales@flairform.com.au	Chemist (Bob Taylor or Andrew Taylor)

DISCLAIMER

This MSDS 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 should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification of further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. All information is as accurate and up to date as possible.
