

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY:

COMPANION GOLD

SUPPLIER NAME: Zelam Limited
SUPPLIER CODE: None
SUPPLIER ADDRESS: Hudson Road, Bell Block, New Plymouth, New Zealand
SUPPLIER PHONE: +64 6 755 9234 SUPPLIER FAX: +64 6 755 1174
EMERGENCY PHONE: 0800 243 622, 0800 CHEMCALL
CHEMICAL FAMILY: Bacillus USE: Bio stimulant

2. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME:	CAS NUMBER:	CONCENTRATION %:	HAZARD CLASSIFICATIONS:
Bacillus subtilis	68038-70-0	0.04 %	
Inerts		Balance	

3. HAZARDS IDENTIFICATION:

Harmful - may cause skin irritation. Avoid contact with skin.
Harmful - may cause eye irritation. Avoid contact with eyes.
Harmful - may cause skin sensitisation from prolonged skin contact. Avoid skin contact.
Harmful to fish/aquatic organisms with long-lasting effects. Avoid contamination of any water supply with product or empty container.
Refer to Section 15 for ERMA Requirements.

4. FIRST - AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for at least 15 minutes. Seek medical attention if irritation persists.
SKIN CONTACT: Wash with plenty of soap and flowing water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse.
INHALATION: If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Use mouth to nose rather than mouth to mouth. Obtain medical attention.
INGESTION: If swallowed, DO NOT induce vomiting. Seek medical advice.
NOTES TO DOCTOR:

5. FIRE FIGHTING MEASURES:

FLASHPOINT: Non Combustible HAZCHEM Code: 2Z
FLAMMABLE LIMITS: Not Applicable
EXTINGUISHING MEDIA: Foam, Carbon dioxide, Dry chemical or Water spray (fog).
THERMAL DECOMPOSITION PRODUCTS: Thermal decomposition may release ammonia, carbon monoxide and carbon dioxide
SPECIAL FIRE FIGHTING METHODS: Spills may be slippery and should be cleaned up immediately.
UNUSUAL FIRE OR EXPLOSION HAZARDS: None

6. ACCIDENTAL RELEASE MEASURES:

Use appropriate protective equipment. Clear area of unnecessary personnel. Spills may be slippery and should be cleaned up immediately. Large spill: Dike and pump as much as possible to a salvage container. Absorb the remaining liquid and any small spills with clay granules, sand or other absorbent material and sweep to a waste container. Cover the spill area with water and absorb. Minimise runoff into waterways or drains.

7. HANDLING AND STORAGE:

Store in a well ventilated place, out of direct sunlight, in properly labelled containers. Keep from extreme heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: Not established by OSHA.
EYE PROTECTION: Avoid contact with eyes. Wear a face shield or full chemical workers goggles when there is a risk of a splash.
RESPIRATORY PROTECTION: Not normally required. Exceptions: in the case of fire or during the formation of mists or aerosols.
PROTECTIVE CLOTHING: When handling wear waterproof gloves, overalls and boots. Wash protective clothing daily after work.
VENTILATION: General (mechanical) room ventilation is considered satisfactory.
HYGIENE PRECAUTIONS: Do not eat drink or smoke while working with this product. Remove clothing that becomes soaked or contaminated and wash before reuse. Wash hands before breaks and after work. The use of a skin barrier cream is useful to give additional skin protection.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE / STATE / ODOUR: Medium Brown thick solution
BOILING POINT: 100 °C pH: 4 - 7
DENSITY: 1.174 SETTING POINT: Not Available
DECOMPOSITION TEMP: Not Applicable AUTOIGNITION TEMP: Not Applicable
FLASHPOINT: Not Applicable VAPOUR DENSITY: Not Available
EXPLOSION PROPERTIES: Not Applicable VAPOUR PRESSURE: Not Available
SOLUBILITY: Miscible in water
OTHER DATA:
OCTANOL / WATER PARTITION COEFFICIENT: Not Available

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID: None.

MATERIALS TO AVOID: None.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may release ammonia, carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL: LD50 Rats: >5000 mg/Kg

ACUTE DERMAL: Not Available

ACUTE INHALATION: Not Available

OTHER TOXICITY INFORMATION: Harmful - may cause skin irritation. Avoid contact with skin.

Harmful - may cause eye irritation. Avoid contact with eyes.

Harmful - may cause skin sensitisation from prolonged skin contact. Avoid skin contact.

12. ECOLOGICAL INFORMATION:

Harmful to fish/aquatic organisms with long lasting effects. Avoid contamination of any water supply with this product or empty container.

13. DISPOSAL CONSIDERATIONS:

Triple rinse container and add rinsate to spray tank. Dispose of container at an approved landfill or Agrecovery Depot. Avoid contamination of any water supply or stream with this product or empty container.

14. TRANSPORT INFORMATION:

Proper Shipping Name: Not Classified as Dangerous Goods for Transport

UN Hazard Class: N/A

UN Number: N/A

Packing Group: N/A

Hazchem Code: 2 [Z]

Additional Information: Contains Bacillus subtilis

15. REGULATORY INFORMATION:

This product DOES NOT have Approved Handler, Tracking, or Record Keeping Requirements.

ERMA Approval Code: HSR000971

ACVM Pesticide Number: P007855

See the ERMA Website for more details: www.ermanz.govt.nz

16. OTHER INFORMATION:

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.