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

PRODUCT NAME: **COMPANION GOLD**  
MANUFACTURER: Growth Products Ltd  
SUPPLIER NAME: Lonza NZ Ltd  
SUPPLIER ADDRESS: 13-15 Hudson Rd, Bell Block, New Plymouth, New Zealand  
SUPPLIER PHONE: +64 6 7559234 SUPPLIER FAX: +64 6 7551174  
EMERGENCY PHONE: 0800 243 622, 0800 CHEMCALL INTERNATIONAL EMERGENCY PHONE: +64 4 917 9888  
CHEMICAL FAMILY: Bacillus USE: Bio stimulant

**2. HAZARDS IDENTIFICATION:**

6.3B; Harmful - may cause skin irritation. Avoid contact with skin.  
6.4A; Harmful - may cause eye irritation. Avoid contact with eyes.  
9.1D; Harmful to fish/aquatic organisms with long-lasting effects.

Refer to Section 15 for NZ EPA Requirements.

**3. COMPOSITION / INFORMATION ON INGREDIENTS:**

| COMMON NAME:      | CAS NUMBER: | CONCENTRATION %: | HAZARD CLASSIFICATIONS: |
|-------------------|-------------|------------------|-------------------------|
| Bacillus subtilis | 68038-70-0  | 0.03             |                         |
| Inerts            |             | Balance          |                         |

**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, rinse mouth with water immediately. DO NOT induce vomiting. Seek medical attention.  
NOTES TO DOCTOR: No specific antidote. Treat symptomatically.

**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:**

Harmful - Keep out of reach of children.  
Store in original container in a cool, well ventilated place, away from direct sunlight and extreme heat.  
Storage temperatures Maxium = 38 °C, Min. = 0 °C .  
Keep container tightly closed and away from food, food related materials, animal feedstuffs, seed or fertilizer.  
Eye protection and impervious gloves should be worn when handling this product. Wash protective clothing daily after work.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION:**

EXPOSURE LIMITS: No exposure limits (WES, TEL, or EELs) have been specifically assigned for this product.  
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.

