MATERIAL SAFETY DATA SHEET

MSDS NO.: 2015-06V1 FIRST ISSUE DATE: June 2015

1. PRODUCT IDENTIFICATION & MANUFACTURER INFORMATION

PRODUCT NAME: Plant’nGo.
PHYSICAL STATE: Light brown/greyish flat cylindrical solid tablet (DT/TB).
COMPANY NAME: I-CAT Environmental Solutions (Pty) Ltd.
PHYSICAL ADDRESS: 38 Amatole Road, N4 Gateway Industrial Park West, Willow Park Manor Extension 65, Pretoria.
POSTAL ADDRESS: PostNet Suite # 577, Private Bag X37, Lynnwood Ridge, 0040.
TEL NUMBER: +27 (0)86 112 4228
EMERGENCY NUMBER: +27 (0)82 446 8946
FAX NUMBER: +27 (0)86 516 5968
IN CASE OF SPILLAGE: HAZMAT: 0800 147 112

2. COMPOSITION

ACTIVE INGREDIENTS: N 70g/kg, P 53g/kg, Ca 115g/kg, K 16g/kg, Mg 6g/kg, S 3g/kg, Zn 2g/kg, Mycorrhizae 20g/kg, Trichoderma 30g/kg.

3. HAZARDS IDENTIFICATION

KEEP OUT OF REACH OF CHILDREN:

4. FIRST AID MEASURES

INHALATION: Remove to fresh air if irritation occurs. Implement appropriate controls to prevent further exposure.
SKIN: Wash affected areas with soap and running water to remove particles.
EYES: If dust enters eye, flush with running water to remove particles.
INGESTION: Normally not necessary to induce vomiting. Consult physician if pain or discomfort occurs.

5. FIRE FIGHTING MEASURES

SPECIFIC HAZARDS: Carbon monoxide and nitrogen oxides during firefighting.
EXTINGUISHING AGENTS: Water mist, foam, carbon dioxide, dry powder.
PPE: No special equipment required.

Directors:
JJ van Reenen, AD van der Merwe, WD Warriner, LP Jansen van Rensburg
I-CAT International Consulting & Trading (Pty) Ltd Reg. No. 2012/058514/07 VAT No. 47602297799

Last Revision Date – June 2017 Next Revision Date – July 2019
6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Contact with water or moisture causes product to become slippery.

ENVIRONMENTAL PRECAUTIONS: Collect and flush small residuals with much water into the drain for subsequent biological waste effluent treatment.

7. HANDLING AND STORAGE

HANDLING: Avoid breathing the dust. Wash thoroughly with water and soap after handling.

STORAGE: Store product in original packaging under dry conditions. Preferably room temperature or cooler. Avoid direct sunlight and excess heat.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Components with workplace control parameters.

VENTILATION: No special requirements under normal use conditions and adequate ventilation.

EYE PROTECTION: No special requirements.

CLOTHING / GLOVES: No special requirements.

RESPIRATOR: No special requirements under normal use conditions and adequate ventilation.

(Under conditions of frequent use or heavy exposure gloves may be required).

HYGIENE MEASURES: Obey reasonable safety precautions and practice good housekeeping.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid.

APPEARANCE: Flat cylindrical solid tablet (DT/TB).

ODOUR: Slight organic odour.

PARTICLE SIZE: Not applicable.

COLOUR: Light brown.

FUSING TEMPERATURE: Not applicable.

STARTS TO BOIL AT: Not applicable.

FLASH POINT: Not applicable.

IGNITION TEMPERATURE: Not determined.

UPPER EXPLOSION LIMIT: Not applicable.

VAPOR PRESSURE: <20hPa at 20.0°C.

BULK DENSITY: ~1100Kg/m³.

VIScosity, DYNAMIC: At 20.0°C / not applicable.
10. STABILITY AND REACTIVITY
THERMAL DECOMPOSITION: >200°C / Stable under usual application conditions.

11. TOXICOLOGICAL INFORMATION
ACUTE ORAL TOXICITY: LD50 / Dose: not determined.
ACUTE DERMAL TOXICITY: LD50 / Dose: not determined.
ACUTE INHALATION TOXICITY: Inhalation LC50 (rat): Technical >2.2mg/L.
EYE IRRITATION: Rabbit / method: OECD Nr. 405 – non-irritative, but could cause damage to the eyes.
SKIN IRRITATION: Rabbit / method: OECD Nr. 404 – non-irritative to the skin.
SENSITIZATION: No sensitization.
TERATOGENICITY: No information.

12. ECOLOGICAL INFORMATION
PHYTOPATHOGENS: Below threshold limits.
ECOTOXICITY: Non-toxic to the environment.
Elimination information (persistence and degradability) / Biodegradability:
RESULT: Not rapidly degradable under aerobic conditions.
CILIATE TOXICITY: To be determined.
EXPOSURE TIME: To be determined.
BACTERIAL TOXICITY: To be determined.
EXPOSURE TIME: To be determined.
METHOD: DEV L8
FISH TOXICITY: To be determined.
EXPOSURE TIME: To be determined.
METHOD: OECD203
FISH TOXICITY: To be determined.
EXPOSURE TIME: To be determined.
METHOD: OECD203

13. DISPOSAL CONSIDERATIONS
PRODUCT: Dispose of whilst observing local legislation e.g. in a suitable incineration plant.
CONTAMINATED PACKAGING: Undamaged packaging may be responsibly reused after proper cleaning.

14. TRANSPORT INFORMATION
LAND TRANSPORT
ADR: Not dangerous goods.
RID: Not dangerous goods.
SEA TRANSPORT
IMDG: Not dangerous goods.
AIR TRANSPORT
ICAO/IATA: Not dangerous goods.

15. REGULATORY INFORMATION

(LABELLING ACCORDING TO EEC DIRECTIVE)
SYMBOL: None.
RISK PHRASES (R22): Harmful if swallowed.
SAFETY PHRASES (S1/2): Keep locked and out of reach of children.


16. OTHER INFORMATION

DEPARTMENT RESPONSIBLE FOR DATA SHEET: Product safety.
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DISCLAIMER

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