

# MATERIAL SAFETY DATA SHEET StimZyne Plus

## Section 1 - IDENTIFICATION

Distributor: UK Amenity Ltd.  
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Date Prepared: 18/05/2017  
Formulation: SZ100  
Trade Name: StimZyne Plus  
Product: Hydrocarbon Encapsulator & Bio Growth Stimulant. The FP formulation of StimZyne Plus is a special formulation for use in agricultural applications.

## Section 2 – HAZARD IDENTIFICATION

**HMIS RATING:** Health: 0 Flammability: 0 Reactivity: 0

No components are believed to be hazardous, or listed in the NIOSH Recommendations for Occupational Safety and Health Standards, 1988, or are listed as hazardous by SARA, CERCLA, or RCRA. No OSHA PEL's are established for any of the ingredients.

## Section 3 – COMPOSITION

Components are classified trade secret.

StimZyne Plus is an environmentally friendly Hydrocarbon Encapsulator & Bio Growth Stimulant composed of natural water based surfactants and other natural plant based ingredients. StimZyne Plus is a clear liquid with a fresh smell that biodegrades in 21 days in an active environment.

## Section 4 – FIRST AID

**Eyes:** Immediately flush with water  
**Skin:** Rinse with water  
**Inhalation:** Negligible  
**Ingestion:** Drink water, do not induce vomiting

## Section 5 – FIREFIGHTING MEASURES

**Non flammable:** Water based product, will not ignite

## Section 6 – ACCIDENTAL RELEASE

**Spill or Leak Procedures:** Rinse affected area with water.  
**Waste Disposal Method:** Dispose as non hazardous waste in accordance with local regulations.

## Section 7 – HANDLING AND STORAGE

**Storage and Handling Precautions:** Store between 32°F and 120°F in closed container to prevent evaporation. Freezing will not damage material as long as container remains intact  
**Protective Gloves:** Product is a strong and effective encapsulator of hydrocarbons. Although components have no hazard levels, the product has a strong base and will remove oils from skin. Avoid prolonged skin contact.  
**Eye Protection:** Wear if needed to prevent reasonable probability of eye contact.  
**Ventilation:** Under ordinary conditions of use for its intended purpose, no special ventilation is required.  
**Work / Hygienic Practices:** Do not ingest, do not splash into eyes and do not inhale for prolonged periods as with any chemical compound.

## Section 8 – EXPOSURE CONTROL MEASURES

Avoid prolonged skin contact with concentrate, wash hands after handling. Wear eye protection where required.

## Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 212°F.

**Solubility in Water:** 100%

**pH:** 7.5 (concentrate)

**Vapour Pressure:** (mm Hg): 1.0 @ 20°C.

**Specific Gravity:** 1.02 @ 60°C.

**Appearance and Odour:** Clear in colour, fresh scent

## Section 10 – STABILITY AND REACTIVITY

**Stability:** Stable.

**Incompatibility:** None.

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition Products:** Carbon monoxide and carbon dioxide.

## Section 11 – TOXICOLOGICAL INFORMATION

**Biodegradability:** Product is 100% biodegradable in an active environment within 21 days.

**Toxicity:** Testing is a 96 hour static non-renewal test, using mysidopsis babia, showed less than 5% mortality at a concentration of 338 ppm. Estimated LC50 > 2,500 ppm

## Section 12 – TOXICOLOGICAL INFORMATION

No data available.

## Section 13 – DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose as non hazardous waste in accordance with local regulations.

## Section 14 – TRANSPORT INFORMATION

**NMFC CODE:** 48580-03

**US DOT Hazard Class:** Not regulated by DOT

**US DOT Identification Number:** Not applicable

## Section 15 – REGULATORY INFORMATION

**NONE.**

## Section 16 – OTHER INFORMATION

**Preparation / Revision Date:** February 16, 201

The information presented in this MSDS is believed to be factual. However, nothing contained in this information is to be taken as a warranty of any kind by Amenities UK Ltd. The user should review any recommendations, in the specific context of the intended use to determine whether they are appropriate.