

# SAFETY DATA SHEET

**Tsunami™ Super Spreader**

**Date of Issue: 24/07/2023**

## CLASSIFICATION OF MATERIAL

### HAZARDOUS SUBSTANCE

Classified as Hazardous according to Safe Work Australia (GHS)

Not a Dangerous Good according to the Australian Dangerous Goods Code

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name:</b>	Tsunami™ Super Spreader
<b>UN Proper Shipping Name:</b>	N/A
<b>Recommended Use:</b>	Fertiliser adjuvant
<b>Company Name:</b>	Nutri-Tech Solutions Pty Ltd
<b>Address:</b>	7 Harvest Road, Yandina, Qld 4561, Australia
<b>Email:</b>	info@nutri-tech.com.au
<b>ABN:</b>	83 010 472 590
<b>Telephone:</b>	+61 5472 9900
<b>Emergency Telephone Numbers:</b>	Police, Ambulance, Fire: 000 (Mobile 112) Poisons Information Centre (Australia) 13 11 26 Nutri-Tech Solutions Mon-Fri 8:00am-4pm AEST 07 5472 9900 (Australia)

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Acute toxicity inhalation - category 4

Reproductive toxicity – category 2

Hazardous to the aquatic environment (chronic) – category 4

### GHS Label elements



# SAFETY DATA SHEET

## Tsunami™ Super Spreader

Date of Issue: 24/07/2023

<b>Signal Word:</b>	<b>WARNING</b>
<b>Hazard Statement(s):</b>	
H332	<b>Harmful if inhaled</b>
H360	<b>May damage fertility or the unborn child.</b>
H413	<b>May cause long lasting harmful effects to aquatic life.</b>
<b>Precautionary Statement(s):</b>	
<b>Prevention</b>	
P261	<b>Avoid breathing spray mist.</b>
P271	<b>Use only outdoors in a well ventilated area.</b>
P201	<b>Obtain special instructions before use.</b>
P202	<b>Do not handle until all safety precautions have been read and understood.</b>
P281	<b>Use personal protective equipment as required.</b>
P264	<b>Wash hands thoroughly after handling.</b>
<b>Response:</b>	
P304 + P340	<b>IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.</b>
P312	<b>Call a POISON CENTRE or doctor if you feel unwell.</b>
P308 + P313	<b>If exposed or concerned: Get medical advice.</b>
P305 + P351 + P338	<b>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</b>
P337 + P313	<b>If eye irritation persists: Get medical advice.</b>
<b>Storage:</b>	
P405	<b>Store locked up</b>
<b>Disposal:</b>	
P501	<b>Dispose of contents and container in accordance with local and national regulations.</b>

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion
Modified tetramethyltetraethylcyclotetrasiloxane	N/A	>60%
Other ingredients determined to be non-hazardous	N/A	To 100%

## SAFETY DATA SHEET

### Tsunami™ Super Spreader

Date of Issue: 24/07/2023

#### 4. FIRST AID MEASURES

<b>Ingestion:</b>	Immediately rinse mouth with water (only if patient is conscious) and consult a physician or call the poisons information centre.
<b>Eye:</b>	Immediately rinse with plenty of water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water and contact a physician.
<b>Skin:</b>	Remove contaminated clothing and wash skin with soap and water. If symptoms such as redness or irritation occur, consult a physician. Launder clothes before re-use.
<b>Inhalation:</b>	Remove to fresh air. Seek medical advice immediately.
<b>First Aid Facilities:</b>	Eye wash station and normal washing facilities.
<b>Advice to Doctor:</b>	Treat symptomatically.
<b>General Information:</b>	N/A

#### 5. FIRE FIGHTING MEASURES

<b>Flammability:</b>	Non-flammable and non-combustible. If involved in major fire, could evolve oxides of carbon and silicon. Fire fighters recommended to wear SCBA.
<b>Extinguishing media:</b>	Use extinguishing media suitable for surrounding fire situations.
<b>Hazchem Code:</b>	N/A
<b>Precautions in connection with fire:</b>	Wear SCBA and contain run-off to prevent entry in water or drainage systems.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency procedures:</b>	Spilled product presents a slip hazard. Contain spill, do not discharge waste liquid into streams or waterways. Use personal protective equipment as outlined in section 8. Ensure sufficient ventilation prior to clean up.
<b>Methods and materials for contamination and clean-up:</b>	Wear protective clothing when cleaning up major spills. Cover drains and do not contaminate streams or water ways. Wipe up with inert materials and place in labelled containers for waste disposal. Dispose of in compliance with local, state and federal regulations.

## SAFETY DATA SHEET

### Tsunami™ Super Spreader

Date of Issue: 24/07/2023

#### 7. HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Avoid contact with eyes, do not inhale spray mist. It is recommended to wear personal protective equipment as outlined in section 8. Prohibit eating, drinking and smoking in contaminated areas. Wash hands after use.
<b>Storage:</b>	Keep out of reach of children. Store in a cool, dry, well ventilated area in a sealed container. Do not store in prolonged sunlight.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards:</b>	None established.
<b>Biological Limit Values:</b>	None established.
<b>Engineering Controls:</b>	Use only in a well ventilated area.
<b>Personal Protective Equipment:</b>	The following protective equipment is recommended when handling this product: safety glasses with side shields or a face shield complying with AS/NZS 1337, gloves of an impervious material conforming to AS/NZS 2161, rubber boots, overalls, plastic apron. Suitable respiratory equipment (e.g. disposable fume mask conforming to AS/NZS 1716) is required when spray mist is present. Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking and going to the toilet.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear, colourless liquid
<b>Odour:</b>	Odourless
<b>pH:</b>	7.0-8.0
<b>Flammability:</b>	Not combustible
<b>Solubility in Water:</b>	Fully miscible
<b>Lower Explosion Limit:</b>	No data available
<b>Upper Explosion Limit:</b>	No data available
<b>Specific Gravity:</b>	1.0
<b>Conductivity:</b>	No data available
<b>Melting Point:</b>	No data available
<b>Boiling Point:</b>	No data available
<b>Flash Point:</b>	>200°C
<b>Vapour Pressure:</b>	No data available
<b>Evaporation Rate:</b>	No data available

## SAFETY DATA SHEET

### Tsunami™ Super Spreader

Date of Issue: 24/07/2023

#### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of use.
<b>Hazardous Reactions &amp; Materials to Avoid:</b>	Avoid extreme heat, flames and ignition sources. Hazardous polymerization will not occur.
<b>Hazardous Decomposition Products:</b>	No hazardous reactions known.

#### 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	LD <sub>50</sub> = 5000 mg/kg (rat).
<b>Skin:</b>	Not classified as a skin irritant.
<b>Eye:</b>	Not classified as an eye irritant.
<b>Respiratory or skin sensitisation:</b>	No data available.
<b>Germ cell mutagenicity:</b>	No data available.
<b>Carcinogenicity:</b>	No data available.
<b>Reproductive toxicity:</b>	No data available. However exposure may cause reproductive disorders, based on laboratory tests with animals exposed to similar compounds (e.g octamethyltetrasiloxane shown to cause reproductive disorders in rats when exposed via inhalation).
<b>Specific Target Organ Toxicity (STOT) single exposure:</b>	No data available.
<b>Specific Target Organ Toxicity (STOT) – repeated exposure:</b>	No data available.
<b>Aspiration Hazard:</b>	No data available.

#### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available. However similar compounds (e.g. octamethyltetrasiloxane) cause long term adverse effects in the aquatic environment.
<b>Persistence/Degradability:</b>	No data available
<b>Mobility:</b>	No data available
<b>Environmental Protection:</b>	No data available

## SAFETY DATA SHEET

**Tsunami™ Super Spreader**

**Date of Issue: 24/07/2023**

### 13. DISPOSAL CONSIDERATIONS

<b>Disposal Method:</b>	Where possible, product should be used for its intended purpose including the rinsings of the container. Dispose of waste product in accordance with all local state and national regulations. Do not discard into drains or waterways.
<b>Container:</b>	Triple or preferably pressure rinse containers before disposal. Dispose of used container in accordance with all local and national regulations. Recycle containers if possible (replace cap and return cleaned container to recyclers or collection point). Empty containers and product should not be burned.

### 14. TRANSPORT INFORMATION

<b>Land Transport (ADG Code):</b>	Not regulated for transport of Dangerous Goods
<b>Air Transport (IATA)</b>	Not regulated for transport of Dangerous Goods
<b>Sea Transport (IMDG Code)</b>	Not regulated for transport of Dangerous Goods

### 15. REGULATORY INFORMATION

<b>SUSMP Poisons Schedule:</b>	Not scheduled.
--------------------------------	----------------

## SAFETY DATA SHEET

**Tsunami™ Super Spreader**

**Date of Issue: 24/07/2023**

### 16. OTHER INFORMATION

<b>Acronyms</b>	
<b>ADG Code:</b>	Australian Code for the Transport of Dangerous Foods by Road and Rail
<b>AICS:</b>	Australian Inventory of Chemical Substances
<b>AEST</b>	Australian Eastern Standard Time
<b>CAS Number:</b>	Chemical Abstracts Service Registry
<b>Hazchem Code:</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC:</b>	International Agency for Research on Cancer
<b>NOHSC:</b>	National Occupational Health and Safety Commission
<b>NOS:</b>	Not Otherwise Specified
<b>NTP:</b>	National Toxicology Program (USA)
<b>UN Number:</b>	United Nations Number
<b>SUSMP:</b>	Standard for the Uniform Scheduling of Medicines and Poisons
<b>STEL:</b>	Short Term Exposure Limit
<b>TWA:</b>	Time Weighted Average (the average airborne concentration when calculated over a normal eight hour working day for five days a week)
<b>LD<sub>50</sub>:</b>	Lethal Dose for 50% Mortality
<b>SCBA:</b>	Self Contained Breathing Apparatus

#### Disclaimer

The data and recommendations presented herein are based upon research of others and are believed to be accurate. However, no warranty is expressed or implied regarding this data or the results to be obtained from use thereof. Nutri-Tech Solutions P/L, assumes no responsibility for the injury to customers or third party proximity caused by the material if reasonable safety procedures are not adhered to as stipulated in this data sheet.

**END OF SDS**