

# SAFETY DATA SHEET

**NTS Soft Rock™**

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

## CLASSIFICATION OF MATERIAL

Not 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>	NTS Soft Rock™
<b>UN Proper Shipping Name:</b>	N/A
<b>Recommended Use:</b>	Fertiliser
<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

<b>Hazard Classification:</b>	Non-Hazardous
	Not classified as Hazardous according to the criteria of GHS.
	Not classified as a Dangerous Good according to the Australian Dangerous Goods Code.
	Not classified as a scheduled poison according to NDPSC.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	Proportion
Natural rock phosphate primarily consisting of calcium phosphate. Traces of crystalline silica (quartz) may also be naturally present (CAS 14808-60-7).	N/A	100%

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### 4. FIRST AID MEASURES

<b>Ingestion:</b>	May cause gastro-intestinal discomfort if consumed. Do not induce vomiting. Immediately rinse mouth with water (only if patient is conscious). 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, if irritation persists contact a physician.
<b>Skin:</b>	Wash with soap and water. If symptoms such as redness or irritation occur, consult a physician.
<b>Inhalation:</b>	Move to fresh air. Seek medical advice if breathing difficulty develops.
<b>First Aid Facilities:</b>	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. May decompose on heating to emit harmful vapours. 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>	Clean up all spills immediately. Avoid breathing dust and contact with skin and eyes (refer to section 8 for recommended protective clothing). Sweep/shovel up spill and place in suitable labelled containers for waste disposal or recycling. Wash area with water (prevent run-off from entering drains). Avoid generating dust. Product may be wetted to reduce dust.
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### 7. HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Wear eye protection, face mask, impervious gloves and overalls. If dust exists wear respirator meeting the requirements of AS1715 and AS1716.
<b>Storage:</b>	Keep out of reach of children. Store in a cool, dry area in original sealed container/bag .

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards (components):</b>	Silica (quartz): TWA = 0.1 mg/m <sup>3</sup> Dusts: TWA = 10 mg/m <sup>3</sup>
<b>Biological Limit Values:</b>	None established.
<b>Engineering Controls:</b>	Use in well ventilated areas only in order to ensure that exposure standard is not breached. Avoid generating and inhaling dust. Keep containers closed when not in use.
<b>Personal Protective Equipment:</b>	Gloves, eye protection and face mask. If dust exists wear respirator meeting the requirements of AS1715 and AS1716. Always wash hands before smoking, eating, drinking or using the toilet.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Off-white to brown powder, 1 – 2 mm granule or 2 – 4 mm granule
<b>Odour:</b>	Slight
<b>pH:</b>	No data available
<b>Flammability:</b>	Not combustible
<b>Solubility in Water:</b>	Mostly insoluble
<b>Lower Explosion Limit:</b>	No data available
<b>Upper Explosion Limit:</b>	No data available
<b>Bulk Density:</b>	No data available
<b>Conductivity:</b>	No data available
<b>Melting Point:</b>	No data available
<b>Boiling Point:</b>	No data available
<b>Vapour Pressure:</b>	No data available
<b>Evaporation Rate:</b>	No data available

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### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of use.
<b>Hazardous Reactions &amp; Materials to Avoid:</b>	Hazardous polymerization will not occur.
<b>Hazardous Decomposition Products:</b>	May evolve toxic gases if heated to decomposition.

### 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No LD <sub>50</sub> data available. May cause irritation to mouth, oesophagus and stomach.
<b>Skin:</b>	No data available. May cause irritation.
<b>Eye:</b>	No data available. May cause irritation and scratch surface of the eye.
<b>Respiratory or skin sensitisation:</b>	No data available. Dust may cause respiratory irritation.
<b>Germ cell mutagenicity:</b>	No data available.
<b>Carcinogenicity:</b>	No data available.
<b>Reproductive toxicity:</b>	No data available.
<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.
<b>Chronic:</b>	May contain traces of respirable crystalline silica. Inhaling dust containing respirable crystalline silica can aggravate upper respiratory conditions such as asthma or emphysema. Long term exposure to crystalline silica can cause the lung disease silicosis. Crystalline silica has been classified by the International Agency of Research on Cancer (IARC) as carcinogenic to humans by inhalation.

### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Naturally occurring mineral. Not anticipated to cause any adverse effects to the environment.
<b>Persistence/Degradability:</b>	No data available
<b>Mobility:</b>	No data available
<b>Environmental Protection:</b>	No data available

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### 13. DISPOSAL CONSIDERATIONS

<b>Disposal Method:</b>	Dispose of in accordance with local government guidelines. (May be suitable for landfill). Product should not be disposed of into natural watercourses or storm water systems.
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### 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.
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### 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>CAS Number:</b>	Chemical Abstracts Service Registry
<b>GHS:</b>	Globally Harmonised System of Classification and Labelling of Chemicals
<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>NDPSC:</b>	National Drugs and Poisons Scheduling Committee
<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**