

# SAFETY DATA SHEET

**Life Force® Carbon™**

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>	Life Force® Carbon™
<b>UN Proper Shipping Name:</b>	N/A
<b>Recommended Use:</b>	Compost
<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 8:00am-4pm AEST 07 5472900

## 2. HAZARDS IDENTIFICATION

<b>Hazard Classification:</b>	This product is made from organic materials, including composted wood chip, and contains living microorganisms, including bacteria, fungi and protozoa. May also contain mineral and fertilizer additives. Direct exposure and contact through inhalation may cause respiratory irritation or infection.
	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.
<b>Hazard Statement(s):</b>	Inhalation of dust and/or liquid mists may irritate, inflame or sensitize the nose, throat and lungs, resulting in illnesses ranging from hay fever or asthma to pneumonia (e.g. Legionnaire's disease) or pneumonia-like illnesses. Direct contact with this material or its dust and/or liquid mists (bioaerosols) may cause skin irritation (dermatitis), and skin or eye infection or irritation. People particularly at risk are those suffering from asthma or allergies, and those whose immune defence systems are compromised.

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Precautionary Statement(s):	Keep out of reach of children.
	Read safety directions on label before use.
	Avoid contact with eyes and skin.
	Avoid breathing dust and/or liquid mists (bioaerosols).
	Wear protective clothing including gloves and eye protection.
	Wear particulate respirator if exposed to dusts.
	Wash hands thoroughly immediately after handling.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	Proportion
Proprietary blend of composted soil conditioning ingredients.	N/A	100%

### 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 10 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>	Remove 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

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### 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 by wet sweeping or vacuuming. 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 impervious gloves (AS/NZS 2161.2), dust resistant eye protection (AS/NZS 1336) and particulate respirator (AS/NZS 1715 and AS/NZS 1716). Always wash hands after handling this product.
<b>Storage:</b>	Keep out of reach of children. Store in a cool, dry location.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards (components):	Dusts: TWA = 10 mg/m <sup>3</sup>
Biological Limit Values:	None established.
Engineering Controls:	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.
Personal Protective Equipment:	Wear impervious gloves (AS/NZS 2161.2), dust resistant eye protection (AS/NZS 1336) and particulate respirator (AS/NZS 1715 and AS/NZS 1716). Always wash hands after handling this product.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark brown compost
Odour:	Mild - earthy
pH:	No data available
Flammability:	Not combustible
Solubility in Water:	Mostly insoluble
Lower Explosion Limit:	No data available
Upper Explosion Limit:	No data available
Bulk Density:	No data available
Conductivity:	No data available
Melting Point:	No data available
Boiling Point:	No data available
Vapour Pressure:	No data available
Evaporation Rate:	No data available

### 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of use.
Hazardous Reactions & Materials to Avoid:	Hazardous polymerization will not occur. Do not store with foodstuffs.
Hazardous Decomposition Products:	No hazardous decomposition products are known.

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### 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	No LD <sub>50</sub> data available. May cause irritation to mouth, oesophagus and stomach.
Skin:	No data available. May cause irritation.
Eye:	May cause irritation and scratch surface of the eye.
Respiratory or skin sensitisation:	No data available. Dust may cause respiratory irritation.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
Specific Target Organ Toxicity (STOT) single exposure:	No data available.
Specific Target Organ Toxicity (STOT) – repeated exposure:	No data available.
Aspiration Hazard:	No data available.
Chronic:	Inhalation of dust and/or liquid mists may irritate, inflame or sensitize the nose, throat and lungs, resulting in illnesses ranging from hay fever or asthma to pneumonia (e.g. Legionnaire's disease) or pneumonia-like illnesses. Direct contact with this material or its dust and/or liquid mists (bioaerosols) may cause skin irritation (dermatitis), and skin or eye infection or irritation. People particularly at risk are those suffering from asthma or allergies, and those whose immune defence systems are compromised.

### 12. ECOLOGICAL INFORMATION

Ecotoxicity:	No data available
Persistence/Degradability:	No data available
Mobility:	No data available
Environmental Protection:	No data available

### 13. DISPOSAL CONSIDERATIONS

Disposal Method:	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

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

### 15. REGULATORY INFORMATION

SUSMP Poisons Schedule:	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**