

## SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Version No: 3

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### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Earth Choice All In 1 Dish Tablets x 42	
Other Name(s):	DT2                      FX144201	9310692 113140
Recommended Use:	Automatic dishwasher tablets	
Supplier:	Natures Organics Pty Ltd	
Address:	31 Cornhill Street Ferntree Gully VIC 3156	
Telephone:	+613 9759 0300	
Emergency Telephone:	+613 9759 0300 (8 am to 5 pm EST)	

### 2. HAZARDS IDENTIFICATION

GHS Classification of the substance or mixture:      Eye Irritant Category 2A

Dangerous Goods Classification:      Non dangerous goods. Refer to Section 14 for further information.

Hazard Pictograms:



Signal Word:                      Warning

Hazard Statements:      H319      Causes serious eye irritation.

Precautionary Statements:      P101      If medical advice is needed, have product container or label at hand.

   P102      Keep out of reach of children.

   P280      Wear eye protection / face protection.

   P305 +      IF IN EYES: Rinse cautiously with water for several minutes.

   P351 +      Remove contact lenses, if present and easy to do. Continue rinsing.

   P338                           P337 +      If eye irritation persists: Get medical advice/attention.

   P313

   P411      Store at temperatures not exceeding 40°C.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion (%)</u>
Sodium Percarbonate	15630-89-4	10 – 30%
Sodium Carbonate	497-19-8	10 – 30%
Ceteareth-10	68439-49-6	< 10%
Sodium Silicate	1344-09-8	< 10%
Tetrasodium Etidronate	3794-83-0	< 1%
Subtilisin	9014-01-1	< 1%
Other ingredients determined not to be hazardous		- Balance to 100%

The authorities of the European Community have selected 26 fragrance ingredients which are considered to be potential allergens. If any of these 26 fragrance ingredients are determined to be present at a level of 10 ppm (= 0.001%) or more in a leave-on personal care product or at a level of 100 ppm (= 0.01%) or more in a rinse-off personal care product or detergent product, then they must be included as an ingredient on the product label if the product is to be sold in the European Community. Whilst Australian legislation and regulations for personal care products and detergent products does not require such ingredient disclosure, it is provided below in the interests of transparency and to assist consumers in making an informed choice.

*Fragrance ingredients which are considered to be potential allergens present in the product at a level of 100 ppm (=0.01%) or more:*

### 4. FIRST AID MEASURES

Ingestion:	Rinse mouth with water. Do not induce vomiting. Give plenty of water to drink. Seek medical advice or contact Poisons Information Centre (phone Australia 13 1126; New Zealand 0800 764 766).
Eye:	In the form provided to the end use customer (with each tab contained in a dissolvable wrapper), the product does not irritate the eyes. However, if the unwrapped product comes into contact with the eye, immediately hold eyes open and flush with large amounts of water for at least 15 minutes. If irritation persists, seek medical advice.
Skin:	In the form provided to the end use customer (with each tab contained in a dissolvable wrapper), the product does not irritate the skin.
Inhaled:	In the form provided to the end use customer (with each tab contained in a dissolvable wrapper), dusts from the product will not be inhaled. However, if the victim has breathed in dusts from the unwrapped product then remove the victim from exposure to fresh air. If not breathing apply artificial respiration. If breathing is difficult, give oxygen. Seek medical advice..
First Aid Facilities:	Workcover recommended first aid facilities appropriate to the size of the workplace.
Advice to Doctor:	Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

Extinguishing media:	Foam, dry chemical powder or carbon dioxide extinguishers. Fight larger fires with water spray or alcohol resistant foam.
Hazards from combustion products:	This mixture contains inorganic oxidants that release oxygen on heating and may contribute to the combustion process.
Personal protective equipment:	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if this product is involved in a fire.
Hazchem code:	None assigned.

## 6. ACCIDENTAL RELEASE MEASURES

Emergency procedures: Avoid breathing dusts. Keep area well ventilated. Clear area of all unprotected personnel. Avoid accidents, clean up immediately. Wear sufficient respiratory protection and personal protective equipment.

Methods and materials for containment and clean up: Contain spill to prevent contamination of drains/waterways. Vacuum or sweep up material avoiding dust generation. Respirator protection may be required if dust is present and ventilation is inadequate. Collect and seal in properly labelled containers for disposal in accordance with local regulations.

## 7. HANDLING AND STORAGE

Precautions for safe handling: Avoid skin and eye contact.

Conditions for safe storage: Store in original containers in a cool, dry, well ventilated area and out of direct sunlight. Store below 40°C. Recommended storage temperature range is between 0°C and 30°C. Protect from heat, moisture and water. Keep container tightly sealed. Store away from foodstuffs, foodstuff containers and incompatible materials such as acids and, alkalis.

Storage incompatibility: None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards: Australia <sup>(1)</sup>

Ingredient	CAS No. <sup>(a)</sup>	TWA		STEL		Carcinogen Category	Notices
		ppm <sup>(b)</sup>	mg/m <sup>3</sup> <sup>(c)</sup>	ppm <sup>(b)</sup>	mg/m <sup>3</sup> <sup>(c)</sup>		
-	-	-	-	-	-	-	-

where:

TWA = Time Weighted average

STEL = Short Term Exposure Limit

<sup>(1)</sup> Worksafe Australia Exposure Standard for Atmospheric Contaminants in Occupational Environment [NOHSC:1003 1995]

<sup>(a)</sup> CAS No. (Chemical Abstracts Service) is a unique identifying number that is assigned to each chemical.

<sup>(b)</sup> Parts of vapour or gas per million of contaminated air by volume at 25°C and 1 atm.

<sup>(c)</sup> Milligrams of substance per cubic metre of air.

Sk Absorption through the skin may be a significant source of exposure.

Biological limit values: Not available

Engineering controls: Use in a well-ventilated area.

Personal protective equipment: Eyes: Not required under normal conditions of use. For industrial applications, wear eye protection.

Clothing: Not required under normal conditions of use. For industrial applications, wear suitable gloves.

Respiratory: Not normally a hazard due to the non-volatile nature of the product.

Other: Always wash hands before smoking, eating, drinking or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Multi-layered solid tablets each wrapped in plastic sachets
Odour	Characteristic
pH (10% solution)	Approximately 10.6
Vapour Pressure (kPa)	Not applicable
Boiling Point (°C)	> 999°C
Melting Point (°C)	Not determined
Solubility in Water	Soluble
S. G. @ 20°C	Not determined
Flash Point (°C)	260°C
Flammability Limits	Not applicable
Ignition Temperature	Product will not self-ignite.
Specific Heat Value	Not determined
VOC Content	0%
Evaporation Rate	Not determined
Viscosity (cps) @ 20°C	Not applicable
Volatile Component	0.2% (water)
Saturated Vapour Pressure	Not applicable
Decomposition Temperature	Not determined

## 10. STABILITY AND REACTIVITY

Chemical stability:	No decomposition if stored and used according to directions.
Conditions to avoid:	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous decomposition products:	No dangerous decomposition products known.
Hazardous reactions:	No dangerous reactions known.

## 11. TOXICOLOGICAL INFORMATION

Potential health effects:

### Acute

Swallowed:	May cause irritation once the wrapper dissolves if a tablet is swallowed. Symptoms may include vomiting, abdominal pain, diarrhoea and nausea.
Oral LD50 (rat):	1034 mg/kg for Sodium Percarbonate.
Eye:	Causes serious eye irritation.
Skin:	Based on available data, the classification criteria for dermal irritation and skin sensitisation are not met. Dermal LD50 (rabbit) > 2000 mg/kg for Sodium Percarbonate.
Inhaled:	Unlikely route of exposure.
<u>Chronic</u>	No known chronic effects.

## 12. ECOLOGICAL INFORMATION

Aquatic toxicity:	Based on available data the classification criteria are not met.
Persistence and biodegradability:	The surfactants contained in this product are readily biodegradable according to a protocol equivalent to that contained in AS 4351.
Other:	German Water Hazard Class 1 (slightly hazardous for water). Do not allow large quantities of the undiluted product to reach ground water, water courses or the sewage system.

## 13. DISPOSAL CONSIDERATIONS

Waste disposal:	Do not dispose of in the household garbage. Dispose of by incineration or burial in an approved landfill in accordance with Commonwealth, State and Local Government regulations. Do not allow the undiluted product or large quantities of the product to enter ground water, water courses or the sewage system. However, small amounts may be disposed of via the sewer or through trade waste.
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## 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

UN Number:	None
Proper Shipping Name:	None
Dangerous Goods Class:	None
Subsidiary Risk:	None
Pack Group:	None
Hazchem Code:	None
Marine Pollutant:	No
Special precautions for user:	None

## 15. REGULATORY INFORMATION

Poisons Schedule: None

All components of this product are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

For Emergencies: Australian Poisons Information Centre – phone 13 1126  
New Zealand Poisons Information Centre – phone 0800 764 766

Prepared By: Greg Bryant  
Chief Operations Chemist

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Reason for Revision: 5 year update

This MSDS summarises to our best knowledge the health and safety hazard information for the product and general guidance on how to safely handle the product in the workplace. Each user must, prior to usage, assess and control the risks arising from its use of the product in the workplace, including in conjunction with other products. This information is presented in good faith and is based on current data considered to be correct to the best of our knowledge.

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