

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : Tru Earth Dishwasher Detergent Tablets

#### 1.2. Recommended use and restrictions on use

Recommended use : Detergent for washing dishes in a dishwasher  
Restrictions on use : No data available

#### 1.3. Supplier

Tru Earth Environmental Products Inc.  
#607-220 Brew St  
Port Moody, BC V3H 0H6  
Canada  
T 1-888-536-4211

#### 1.4. Emergency telephone number

Emergency number : 1-888-536-4211

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Serious eye damage/eye irritation Category 2A H319 Causes serious eye irritation  
Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS CA labeling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Warning

Hazard statements (GHS CA) :

H319 - Causes serious eye irritation

Precautionary statements (GHS CA) :

P264 - Wash hands, forearms and face thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS CA)

No data available

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### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name             | Chemical name / Synonyms                         | Product identifier | Conc. (% w/w) |
|------------------|--|--------------------|---------------|
| Sodium carbonate | Sodium Carbonate<br>Soda Ash, Disodium Carbonate | CAS-No.: 497-19-8  | 25 – 40       |

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.                                |
| First-aid measures after skin contact | : Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.                                     |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion    | : Rinse mouth thoroughly with water. Call a poison center/doctor/physician if you feel unwell.  |

#### 4.2. Most important symptoms and effects (acute and delayed)

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects after inhalation   | : May cause respiratory irritation.  |
| Symptoms/effects after skin contact | : Repeated or prolonged contact may cause skin irritation.                       |
| Symptoms/effects after eye contact  | : Causes serious eye irritation.   |
| Symptoms/effects after ingestion    | : Possible irritation of mucous membranes and digestive tract, nausea, vomiting. |

#### 4.3. Immediate medical attention and special treatment, if necessary

|                                   |                          |
|-----------------------------------|--------------------------|
| Other medical advice or treatment | : Treat symptomatically. |
|-----------------------------------|--------------------------|

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

|                              |   |
|------------------------------|---|
| Suitable extinguishing media | : Dry chemical, CO <sub>2</sub> , or water spray or regular foam. |
|------------------------------|---|

#### 5.2. Unsuitable extinguishing media

No additional information available

#### 5.3. Specific hazards arising from the hazardous product

|  |                                |
|--|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--|--------------------------------|

#### 5.4. Special protective equipment and precautions for fire-fighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Mark out the contaminated area with signs and prevent access to unauthorized personnel.  
Ensure adequate ventilation.

#### 6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Place in an appropriate container and dispose of the contaminated material at a licensed site.

#### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid raising powdered materials into airborne dust.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Handle in accordance with good industrial hygiene and safety procedures.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool and well-ventilated place.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures/Personal protective equipment

##### Hand protection:

Protective gloves

##### Eye protection:

Safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

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### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                     |
|---|---------------------|
| Physical state                                  | : Solid             |
| Appearance                                      | : Pellets/tablets.  |
| Color   | : White             |
| Odor  | : Odorless          |
| Odor threshold                                  | : No data available |
| pH  | : Not applicable    |
| Relative evaporation rate (butyl acetate=1)     | : No data available |
| Relative evaporation rate (ether=1)             | : No data available |
| Melting point                                   | : No data available |
| Freezing point                                  | : No data available |
| Boiling point                                   | : No data available |
| Flash point                                     | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Flammability (solid, gas)                       | : No data available |
| Vapor pressure                                  | : No data available |
| Relative vapor density at 20 °C                 | : Not applicable    |
| Relative density                                | : No data available |
| Solubility                                      | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic                            | : No data available |
| Explosion limits                                | : No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

|                                    |  |
|------------------------------------|--|
| Reactivity                         | : The product is non-reactive under normal conditions of use, storage and transport.                   |
| Chemical stability                 | : Stable under normal conditions.  |
| Possibility of hazardous reactions | : No dangerous reactions known under normal conditions of use.   |
| Conditions to avoid                | : Avoid creating or spreading dust.  |
| Incompatible materials             | : Strong oxidizing agents. Strong acids. Strong bases.   |
| Hazardous decomposition products   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| Hardening time:                    | : No additional information available  |

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

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| Sodium carbonate (497-19-8)       |   |
|-----------------------------------|---|
| LD50 oral rat                     | 2800 mg/kg (Rat, Male / female, Experimental value, Oral, 14 day(s))  |
| LD50 dermal rabbit                | > 2000 mg/kg (16 CFR 1500.40, 24 h, Rabbit, Experimental value, Dermal, 14 day(s))                                    |
| LC50 Inhalation - Rat             | 2.3 mg/l air (Equivalent or similar to OECD 403, 2 h, Rat, Male, Experimental value, Inhalation (aerosol), 10 day(s)) |
| LC50 Inhalation - Rat (Dust/Mist) | 1.2 mg/l Source: SIDS   |

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Not classified<br>pH: Not applicable                 |
| Serious eye damage/irritation     | : Causes serious eye irritation.<br>pH: Not applicable |
| Respiratory or skin sensitization | : Not classified                                       |
| Germ cell mutagenicity            | : Not classified                                       |
| Carcinogenicity                   | : Not classified                                       |
| Reproductive toxicity             | : Not classified                                       |
| STOT-single exposure              | : Not classified                                       |
| STOT-repeated exposure            | : Not classified                                       |
| Aspiration hazard                 | : Not classified                                       |

| Sodium carbonate (497-19-8)                           |       |
|---|-------|
| Animal studies and expert judgment for classification | False |

|                                     |  |
|-------------------------------------|--|
| Likely routes of exposure           | : Inhalation. Skin and eye contact.  |
| Symptoms/effects after inhalation   | : May cause respiratory irritation.  |
| Symptoms/effects after skin contact | : Repeated or prolonged contact may cause skin irritation.                       |
| Symptoms/effects after eye contact  | : Causes serious eye irritation.   |
| Symptoms/effects after ingestion    | : Possible irritation of mucous membranes and digestive tract, nausea, vomiting. |

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |                                     |
|---|-------------------------------------|
| Ecology - general   | : No data available on ecotoxicity. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                    |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified                    |

| Sodium carbonate (497-19-8) |  |
|-----------------------------|--|
| LC50 - Fish [1]             | 300 mg/l (96 h, Lepomis macrochirus, Static system, Fresh water, Experimental value, Lethal)                   |
| EC50 - Crustacea [1]        | 200 – 227 mg/l (48 h, Ceriodaphnia sp., Semi-static system, Fresh water, Experimental value, Locomotor effect) |
| EC50 96h - Algae [1]        | 242 mg/l Source: ECOTOX  |

### 12.2. Persistence and degradability

| Sodium carbonate (497-19-8)   |                                   |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD)  | Not applicable (inorganic)        |
| ThOD                          | Not applicable (inorganic)        |

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### 12.3. Bioaccumulative potential

#### Sodium carbonate (497-19-8)

|                           |                      |
|---------------------------|----------------------|
| Bioaccumulative potential | Not bioaccumulative. |
|---------------------------|----------------------|

### 12.4. Mobility in soil

#### Sodium carbonate (497-19-8)

|                 |                                     |
|-----------------|-------------------------------------|
| Surface tension | No data available in the literature |
|-----------------|-------------------------------------|

|                |                                       |
|----------------|---------------------------------------|
| Ecology - soil | Low potential for adsorption in soil. |
|----------------|---------------------------------------|

### 12.5. Other adverse effects

Ozone : Not classified

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

| TDG                                     | DOT            | IMDG           | IATA           |
|---|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |
| Not regulated for transport             |                |                |                |
| <b>14.2. Proper Shipping Name</b>       |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>Transport document description</b>   |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |

### 14.6. Special precautions for user

#### TDG

No data available

#### DOT

No data available

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### IMDG

No data available

### IATA

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. National regulations

#### Sodium carbonate (497-19-8)

Listed on the Canadian DSL (Domestic Substances List)

## SECTION 16: Other information

Issue date : 11-15-2022

### Full text of H-phrases:

|      |                               |
|------|-------------------------------|
| H319 | Causes serious eye irritation |
|------|-------------------------------|

Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.