

# Safety Data Sheet

## Dishwasher pods

### 1. Product and Manufacturer Identification

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| Product name          | All in one dishwasher pods                                          |
| Manufacturer/Supplier | TIBOO UK LTD                                                        |
| Address               | Scarne Business Park, Landlake Road, Launceston, Cornwall, PL15 9HS |
| Telephone             | 44+(0)1392 908545                                                   |
| E-mail                | sales@tiboo.co.uk                                                   |

### 2. Hazards Identification

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GHS Hazard Class           | Skin irritation (Category 3)<br>Serious eye damage/eye irritation (Category 1)<br>Respiratory sensitization (Category 1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Pictogram and Signal word  |   <b>Danger</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Hazard statement(s)        | H316 Causes mild skin irritation.<br>H318 Causes serious eye damage.<br>H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Precautionary statement(s) | P261 Avoid breathing dust/mist/spray.<br>P264 + P265 Wash hands thoroughly after handling. Do not touch eyes.<br>P280 Wear eye protection/face protection.<br>P284 [In case of inadequate ventilation] wear respiratory protection.<br>P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P305 + P354 + P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P317 Get medical help.<br>P332 + P317 If skin irritation occurs: Get medical help.<br>P342 + P316 If experiencing respiratory symptoms: Get emergency medical help immediately.<br>P501 Dispose of contents/container to the licensed disposal company. |

|                          |                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Explosion hazards</b> | Exposure to heat or flame may cause fire.<br>Finely dispersed particles may form explosive mixtures in air. |
|--------------------------|-------------------------------------------------------------------------------------------------------------|

\* Classification according to GHS (Globally Harmonized System of Classification and Labelling of Chemicals) (Tenth revised edition).

### 3. Composition/Information on Ingredients

| Component                                                        | Range % by Wt. | CAS No.           |
|------------------------------------------------------------------|----------------|-------------------|
| Sodium percarbonate                                              | <25            | 15630-89-4        |
| N,N,N',N'-TETRAACETYLETHYLENEDIAMINE                             | 0.1-5          | 10543-57-4        |
| Sodium carbonate                                                 | 15-40          | 497-19-8          |
| Sodium Citrate                                                   | <10            | 6132-04-3         |
| Sodium sulfate                                                   | 10-50          | 7757-82-6         |
| Acrylic terpolymer                                               | <5             | No data available |
| EXCELLENZ P 1000                                                 | 1-4            | 9014-01-1         |
| EXCELLENZ S 2001                                                 | 1-8            | 9000-90-2         |
| Alcohols, C12-18, ethoxylated propoxylated                       | <5             | 69227-21-0        |
| 1,2-Propanediol                                                  | 10-20          | 57-55-6           |
| GLYCERIN BASE                                                    | 5-15           | 77944-79-7        |
| L-Glutamic acid, N,N-bis(carboxymethyl)-, tetrasodium salt (1:4) | 5-10           | 51981-21-6        |
| Pigment                                                          | <0.2           | No data available |
| Fragrance                                                        | <2             | No data available |

### 4. First Aid Measures

|                     |                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Skin contact</b> | Rinse with plenty of water. If experiencing skin symptoms, consult a physician.                                                              |
| <b>Eye contact</b>  | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.       |
| <b>Inhalation</b>   | Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get emergency medical help immediately. |
| <b>Ingestion</b>    | Induce vomiting. Rinse mouth and give large quantities of water to drink. If feel unwell, consult a physician.                               |

### 5. Fire Fighting Measures

|                        |                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Types of hazard</b> | Exposure to heat or flame may cause fire.<br>Finely dispersed particles may form explosive mixtures in air. |
|------------------------|-------------------------------------------------------------------------------------------------------------|

|                                      |                                                                                                                                                                        |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazardous combustion products</b> | Carbon oxide and other toxic/irritating fumes.                                                                                                                         |
| <b>Fire-fighting measures</b>        | Use any means suitable for extinguishing surrounding fire.<br>Suitable extinguishing medial: Water spray, dry powder, sand, water-resistant foam, carbon dioxide, etc. |
| <b>Additional Information</b>        | Use self-contained breathing apparatus and wear protective clothing.<br>Avoid contact with eyes and skin.                                                              |

## 6. Accidental Release Measures

Isolate the hazard area and keep unnecessary and unprotected personnel from entering. Removal of ignition sources. Wear appropriate personal protective equipment and use non-sparking tools and equipment. Under the condition of ensuring safety, cut off the leakage source as much as possible. Sweep up and containerize for reclamation or disposal. Avoid release to the environment.

## 7. Handling and Storage Measures

|                 |                                                                                                                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling</b> | Wash skin thoroughly after handling. Do not touch eyes.<br>Keep container tightly closed. Do NOT closed to heat or fire.<br>In case of inadequate ventilation, wear respiratory protection. |
| <b>Storage</b>  | Stored in a cool, dry, ventilated area. Store locked up.                                                                                                                                    |

## 8. Exposure Controls / Personal Protection

| <b>Occupational exposure limits</b> | Component                                                                                                                                                                                                                                                                                                               | CAS No.   | Limited Values                                                                                                |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------|
|                                     | Sodium carbonate                                                                                                                                                                                                                                                                                                        | 497-19-8  | TWA 3 mg/m <sup>3</sup> (CHINA)<br>TWA 6 mg/m <sup>3</sup> (CHINA)                                            |
|                                     | EXCELLENZ P 1000                                                                                                                                                                                                                                                                                                        | 9014-01-1 | TWA 15 ng/m <sup>3</sup> (CHINA)<br>STEL 30 ng/m <sup>3</sup> (CHINA)<br>ST 0.00006 mg/m <sup>3</sup> (NOISH) |
| <b>Engineering controls</b>         | Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered. |           |                                                                                                               |
| <b>Inhalation protection</b>        | Use self-absorption filter type dust masks.                                                                                                                                                                                                                                                                             |           |                                                                                                               |
| <b>Eye protection</b>               | Use safety goggles or face protections to protect against possible eye exposure.                                                                                                                                                                                                                                        |           |                                                                                                               |
| <b>Skin protection</b>              | Wear protective gloves and clean body-covering clothing.                                                                                                                                                                                                                                                                |           |                                                                                                               |
| <b>Other protection</b>             | No information.                                                                                                                                                                                                                                                                                                         |           |                                                                                                               |

## 9. Chemical and Physical Properties

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Appearance and odor  | Sealed colorless film, contains white powder (containing white granules and blue granules) and green viscous liquid, fragrant. |
| pH                   | Liquid: 9-11.                                                                                                                  |
| Solubility           | Soluble in water.                                                                                                              |
| Flammability         | Not classified as flammable solid.                                                                                             |
| Explosive properties | Not classified as explosive substance.                                                                                         |
| Oxidizing properties | Not classified as oxidizing substance.                                                                                         |
| Main purpose         | Cleaning dishes.                                                                                                               |
| Other properties     | No data available.                                                                                                             |

## 10. Stability and Reactivity

|                          |                                                                                                                          |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Stability                | Stable under ordinary conditions of use and storage.                                                                     |
| Incompatibilities        | Strong oxidizer, strong acids and flammable substance.                                                                   |
| Conditions to avoid      | Heat, flame and wet.                                                                                                     |
| Hazardous polymerization | No data available.                                                                                                       |
| Hazardous decomposition  | When exposed to high heat/fire, carbon oxide and other toxic/irritating fumes may be generated by thermal decomposition. |

## 11. Toxicological Information

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Skin irritation/corrosion         | Skin corrosion/irritation(Category3). |
| Eye damage/irritation             | Eye damage/irritation(Category1).     |
| Respiratory or skin sensitization | Respiratory sensitization(Category1). |
| Germ cell mutagenicity            | No data available.                    |

|                               |                                                                                                                                                                                                                                 |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Carcinogenicity</b>        | The product is not listed in IARC (International Agency for Research on Cancer) Category.                                                                                                                                       |
| <b>Reproductive toxicity</b>  | No data available.                                                                                                                                                                                                              |
| <b>STOT-single exposure</b>   | No data available.                                                                                                                                                                                                              |
| <b>STOT-repeated exposure</b> | No data available.                                                                                                                                                                                                              |
| <b>Aspiration hazard</b>      | No data available.                                                                                                                                                                                                              |
| <b>Health hazards</b>         | Inhalation: May cause allergy or asthma symptoms or breathing difficulties if inhaled dust.<br>Ingestion: May be harmful if swallowed.<br>Skin Contact: Causes mild skin irritation.<br>Eye Contact: Causes serious eye damage. |
| <b>Other toxicity</b>         | No data available.                                                                                                                                                                                                              |

## 12. Ecological Information

|                                      |                                                                                                              |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Ecological toxicity</b>           | Sodium carbonate (CAS No. 497-19-8):                                                                         |
|                                      | Toxicity to fishes LC50 - Lepomis macrochirus (Bluegill sunfish) - 300 mg/l - 96 h                           |
|                                      | Toxicity to daphnia and other aquatic invertebrates EC50 - Ceriodaphnia (Water flea) - 220 - 227 mg/l - 48 h |
|                                      | Sodium sulfate (CAS No. 7757-82-6):                                                                          |
|                                      | Toxicity to fishes LC50 - Pimephales promelas (Fathead minnow) - 7960mg/l - 96 h                             |
|                                      | Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 1766 mg/l - 48 h     |
| <b>Persistence and degradability</b> | No data available.                                                                                           |
| <b>Bioaccumulation</b>               | No data available.                                                                                           |
| <b>Mobility in soil</b>              | No data available.                                                                                           |
| <b>Others</b>                        | No data available.                                                                                           |

## 13. Disposal Information

|                          |                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Disposal measures</b> | Offer surplus and non-recyclable contents/containers to a licensed disposal company.                               |
| <b>Notes</b>             | Local disposal regulations may differ from Chinese regulations. Dispose in accordance with local country or state. |

## 14. Transportation Information

| Regulations           | IATA DGR (65th Edition)                                                 | IMDG Code (2022 Edition) |
|-----------------------|-------------------------------------------------------------------------|--------------------------|
| UN No.                | Not regulated.                                                          | Not regulated.           |
| Proper Shipping Name  | Not regulated.                                                          | Not regulated.           |
| Hazard Class/Division | Not regulated.                                                          | Not regulated.           |
| Packing Group         | Not regulated.                                                          | Not regulated.           |
| Packing Method        | Not regulated.                                                          | Not regulated.           |
| Environmental hazards | Not regulated as environmentally hazardous substance/marine pollutants. |                          |
| Notes                 | No information.                                                         |                          |

## 15. Regulatory Information

### Domestic authority regulations:

Regulations on the Safety Administration of Dangerous Chemicals (2011).

This product is listed in General rule for classification and hazard communication of chemicals (GB 13690-2009).

### International Regulations:

Commission Regulation (EC) No. 1907/2006 (REACH) and its amendments.

Commission Regulation (EC) No. 1272/2008 (CLP) and its amendments.

Waste Framework Directive 2008/98/EC and its amendments.

Toxic Substance Control Act (TSCA).

\*\*\*\*\* The End \*\*\*\*\*