



**SAFETY DATA SHEET**  
DUZZIT DISHWASHER TABLETS

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Compilation date: 22/05/2015

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Revision No: 2

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** DUZZIT DISHWASHER TABLETS

**Product code:** DZT001(M)

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:** SU 21 - Consumer Uses.

PC35: Washing and cleaning products (including solvent based products).

**1.3. Details of the supplier of the safety data sheet**

**Company name:** 151 Products Ltd  
The Old School House  
39 Bengal Street  
Manchester  
M4 6AF  
United Kingdom  
**Tel:** +44 (0)161 839 5949  
**Fax:** +44 (0)161 839 5493  
**Email:** [fereshteh@151.co.uk](mailto:fereshteh@151.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0)161 839 5949  
(office hours only)

**Section 2: Hazards identification**

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

**Classification under CLP:** \* Eye Dam. 1: H318

**Most important adverse effects:** Causes serious eye damage.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H318: Causes serious eye damage.

**Hazard pictograms:** GHS05: Corrosion



**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.

[cont...]

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P264: Wash hands thoroughly after handling.

P280: Wear protective gloves.

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

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P501: Dispose of contents and container to in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### SODIUM CARBONATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
207-838-8	497-19-8	-	Eye Irrit. 2: H319	10-25%

##### SODIUM PERCARBONATE

239-707-6	15630-89-4	-	Ox. Sol. 3: H272; Acute Tox. 4: H302; Eye Dam. 1: H318	5-10%
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##### ALCOHOLS, C10-16, ETHOXYLATED

500-182-6	68002-97-1	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400	1-3%
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##### SODIUM SILICATE

215-687-4	1344-09-8	-	STOT SE 3: H335; Eye Dam. 1: H318; Skin Irrit. 2: H315	1-3%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If you feel unwell seek medical attention

**Inhalation:** \*

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be severe pain. The eyes may water profusely.

[cont...]

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**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the nose and upper respiratory tract.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Do not create dust.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. KEEP OUT OF THE REACH OF CHILDREN.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

[cont...]

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**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

**SODIUM PERCARBONATE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-	15mg/m3	-

**DNEL/PNEC Values**

**Hazardous ingredients:**

**SODIUM CARBONATE**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	10mg/m3	Workers	Systemic
DNEL	Inhalation	10mg/m3	General Population	Systemic

**SODIUM PERCARBONATE**

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	35ug/L	-	-
PNEC	Marine water	35ug/L	-	-
PNEC	Microorganisms in sewage treatment	16.24mg/L	-	-
DNEL	Inhalation	5mg/m3	Workers	Local
DNEL	Dermal	12.8mg/cm2	Workers	Local
DNEL	Dermal	6.4mg/cm2	General Population	Local

**SODIUM SILICATE**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (Long term)	5.61mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal (Long term)	1.59mg/kg bw	Workers	Systemic
DNEL	Inhalation (Long term)	1.38 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Dermal (Long term)	0.8 mg/kg bw	General Population	Systemic
DNEL	Oral (Long term)	0.8 mg/kg bw	General Population	Systemic
PNEC	Fresh water	7.5mg/L	-	-
PNEC	Marine water	1mg/L	-	-
PNEC	Microorganisms in sewage treatment	348mg/L	-	-

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** No special requirements under normal conditions of use.

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**Hand protection:** Protective gloves.

**Eye protection:** No special requirements under normal conditions of use.

**Skin protection:** No special requirements under normal conditions of use.

**Section 9: Physical and chemical properties**

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

**State:** Solid

**Colour:** White

**Odour:** Pleasant

**pH:** 9 - 11

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**SODIUM CARBONATE**

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	2800	mg/kg

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**SODIUM PERCARBONATE**

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	1034	mg/kg

**SODIUM SILICATE**

DERMAL	RAT	LD50 (Read across)	>5000	mg/kg
ORAL	RAT	LD50	3400	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be severe pain. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the nose and upper respiratory tract.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**SODIUM CARBONATE**

BLUEGILL ( <i>Lepomis macrochirus</i> )	96H LC50	300	mg/l
Ceriodaphnia sp.	48H EC50	200	mg/l

**SODIUM PERCARBONATE**

Daphnia magna	48H EC50	4.9	mg/l
Pimephales promelas	96H LC50	70.7	mg/l

**SODIUM SILICATE**

ALGAE ( <i>Desmodesmus subspicatus</i> )	72H ErC50	207	mg/l
ALGAE ( <i>Scenedesmus subspicatus</i> )	72H EC50	207	mg/l
DAPHNIDS ( <i>Daphnia magna</i> )	48H EC50	1700	mg/l
FRESHWATER CLADOCERAN ( <i>Daphnia magna</i> )	48H EC50	1700	mg/l
RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )	96H LC50	260	mg/l

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ZEBRAFISH (Brachydanio rerio)	96H LC50	1108	mg/l
ZEBRAFISH (Danio rerio)	96H LC50	1108	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** Soluble in water.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Disposal should be in accordance with local authority regulations.

**Waste code number:** 20 01 29

**Disposal of packaging:** Disposal should be in accordance with local authority regulations.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Specific regulations:** The surfactant(s) contained in this product complies (comply) with the criteria as laid down in Regulation (EC) No.648/2004 on detergents.

**15.2. Chemical Safety Assessment**

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H272: May intensify fire; oxidiser.

H302: Harmful if swallowed.

[cont...]

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H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H400: Very toxic to aquatic life.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.