

# Safety data sheet

According EC-guideline 2001/58/EC



## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

**Trade name** TRICEL PROF DISHWASHPOWDER box 2x5kg  
**Purpose:** Professional dishwash powder  
art. 57650  
**Supplier:** Senzora B.V.  
**Address:** Sluisstraat 23-25. 7411 EE Deventer, Netherlands  
**Telephone no.** + 31 (0)570 - 68 33 33

## 2. HAZARDS IDENTIFICATION



### C Corrosive

The powder causes burns and is irritating to the respiratory system.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

In accordance with the EC-guidelines this product should be considered as a preparation

Ingredients declaration according to (648/2004/EC):

Composition	Percentage
Phosphates	15 - 30 %
Non-ionic surfactants, Chlorine-based bleaching agent	< 5 %

Description of the hazardous components in the meaning of EC-guideline 67/548/EEG

Component	einecs	cas		
Sodium (meta) silicate. 5AQ	229-912-9	10213-79-3	C; R34-37	> 30 %
Sodium carbonate	207-838-8	497-19-8	Xi; R36	5 - 15 %
Sodium dichloroisocyanurate	220-767-7	2893-78-9	Xn/O;R22-31-36/37-50/53	< 5 %
Alcohol C12- C15 EO >5<10	polymer	68131-39-5b	Xn/N ; R22-41-50	< 5 %

#### **4. FIRST AID MEASURES**

- General indication:** *In all cases of doubt or if any irritation persists obtain medical attention.*
- Inhalation:** *Move the patient to fresh air.*
- Skin contact:** *Wash the affected area immediately with plenty of water. Take off immediately all contaminated clothing. Obtain medical attention.*
- Eye contact:** *Immediately flush eyes with plenty of water for at least 15 min. (keep eyelids apart). Obtain medical attention.*
- Ingestion:** *Rinse out mouth and then give plenty of water to drink. Do not induce vomiting. Obtain medical attention.*

#### **5. FIRE-FIGHTING MEASURES**

- Suitable extinguishing media:** *The product is not combustible, all suitable extinguish media can be used to handle any fire nearby the product.*
- Special protective equipment:** *Use self-contained breathing apparatus.*

#### **6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions:** *Slippery when spilled. Use personal protective equipment (see section 8)*
- Environmental precautions:** *Prevent spillage of large quantities undiluted product in surface- or groundwater.*
- Cleaning methods:** *Spilled powder still can be used if not polluted.*

#### **7. HANDLING AND STORAGE**

- Handling:** *Handle and open packing with care.*
- Storage:** *Keep out of the reach of children. Keep packing tightly closed and dry.*

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Measurement:** *Always follow up the information on the package. Prevent contact with eyes.*

Exposure limits for the substances listed in section 2		
Component	Einecs	MAC-value
Sodium (meta) silicate. 5AQ	229-912-9	no data
Sodium carbonate	207-838-8	no data
Sodium dichloroisocyanurate	220-767-7	no data
Alcohol C12- C15 EO >5<10	polymer	no data

**Personal protection:**

**Protective clothing:** *Special clothing is required.*

**Respiratory protection:** *Use of respiratory protection is advisable.*

**Hand protection:** *Wear gloves.*

**Eye protection:** *Wear safety goggles.*

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** *powder*

**Colour:** *white*

**Odour:** *characteristic.*

**pH (1%):** *12,0-12,4*

**pH (100%):** *n.v.t.*

**Density:** *920-1070 g/l*

**Alkalinity:** *app. 31 g as NaOH/100 ml product.*

**Decomposition Temp.** *n/a.*

**Flash point:** *not flammable.*

**Oxidising properties** *n/a.*

**Viscosity:** *n/a.*

**Solubility in water:** *completely soluble.*

## 10. STABILITY AND REACTIVITY

**Stability:** *The product is stable under normal conditions of use.*

**Conditions to avoid:** *Do not mix with other detergents.*

**Materials to avoid:** *Acids*

**Hazardous decomposition products:** *Contact with acids releases very poisonous chlorine gas.*

## 11. TOXICOLOGICAL INFORMATION

This product is based on the components in chapter 2 classified as corrosive and irritating to the respiratory tract.

### *Toxicological effects*

<b>Inhalation:</b>	<i>Irritant to the respiratory tract.</i>
<b>Skin:</b>	<i>Causes burns.</i>
<b>Eye:</b>	<i>Causes burns to cornea and eyelids.</i>
<b>Ingestion:</b>	<i>Causes burns.</i>

## 12. ECOLOGICAL INFORMATION

*The surfactants in this product comply with the biodegradability criteria as laid down in Regulation (EC) no.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request or at the request of a detergent manufacturer.*

## 13. DISPOSAL CONSIDERATIONS

<b>Product:</b>	<i>Normally the product is used completely.</i>
<b>Packing:</b>	<i>Empty package can be disposed with the garbage.</i>
<b>National or regional provisions</b>	<i>Any unsalvageable material must be disposed in compliance with local regulations or national laws.</i>

## 14. TRANSPORT INFORMATION

(rail/road) (RID/ADR)



<b>UN-number:</b>	3253
<b>RID/ADR, class:</b>	8
<b>Packing group:</b>	III
<b>Proper shipping name:</b>	UN 3253 DISODIUMTRIOXOSILICATE-PENTAHYDRATE, MIXTURE, 8, III

**Transport emergency card:** 80GC6-II-III

## 15. REGULATORY INFORMATION

Health, safety and environmental information according to Directives 67/548/EEC and 1999/45/EC.



**C Corrosive**

### Risk phrases:

R34 Causes burns.  
R37 Irritating to respiratory system.

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### Safety phrases:

S2 Keep out of the reach of children.  
S25 Avoid contact with eyes.  
S39 Wear eye/face protection.  
  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S46 If swallowed, seek medical advice immediately and show this container or label.

Name on label: Disodiumtrioxosilicate-pentahydrate

## 16. OTHER INFORMATION

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. However, the information is provided without any warranty, express or implied regarding its correctness.

Date of preparation: 29-10-2007  
History: -  
Dictated by: E.L.M. Klasen [info@detergentinfo.nl](mailto:info@detergentinfo.nl)  
Changes were made in sections: N/A

### List of relevant R phrases (heading 2)

R22 Harmful if swallowed.  
R31 Contact with acids liberates toxic gas.  
R34 Causes burns.  
R36 Irritating to eyes.  
R36/37 Irritating to eyes and respiratory system.  
R37 Irritating to respiratory system.  
R41 Risk of serious damage to eyes.  
R50 Very toxic to aquatic organisms.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.