

Safety data sheet

According EC-guideline 2001/58/EC



1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Trade name *Tricel prof dishwashtabs regular bucket 150x20gr*
Purpose: *Dishwash tablets*
art. 58960
Supplier: *Senzora B.V.*
Address: *Sluisstraat 23-25. 7411 EE Deventer, Netherlands*
Telephone no. *+ 31 (0)570 - 68 33 33*

2. HAZARDS IDENTIFICATION



Xi Irritating
Irritating to eyes.

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	> 30 %
Oxygen-based bleaching agents	5 - 15 %
Non-ionic surfactants, Polycarboxylates, Phosphonates	< 5 %
Perfumes (Limonene), Enzymes (protease, amylase)	

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

Component	einecs	cas		
Sodiumcarbonate	207-838-8	497-19-8	Xi; R36	15 - 30 %
Sodiumpercarbonates	239-707-6	15630-89-4	Xn; R8-22-41	5 - 15 %

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. Obtain medical attention if any irritation persists.*
- 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:** *A spilled tablet still can be used if it is 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
Sodiumcarbonate	207-838-8	no data
Sodiumpercarbonates	239-707-6	no data

Personal protection:

Protective clothing: *No special clothing required under normal circumstances.*

Respiratory protection: *Not necessary.*

Hand protection: *Eventually, wear gloves.*

Eye protection: *Wear safety goggles if used intensively.*

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: *compressed powder (tablet).*

Colour: *white with blue speckles.*

Odour: *citron.*

pH (1%): *10,4 - 10,8*

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

Density: *980 - 1140 g/l*

Alkalinity: *app. 38 g as NaOH/100 ml product.*

Decomposition Temp. *n.a.*

Flash point: *not flammable.*

Oxidising properties *not oxidizing*

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: *none*

Hazardous decomposition products: *none*

11. TOXICOLOGICAL INFORMATION

This product is based on the components in chapter 2 classified as irritating to eyes and skin.

Toxicological effects

Inhalation:	<i>May be irritant to the respiratory tract.</i>
Skin:	<i>May cause redness or rash.</i>
Eye:	<i>Irritating to eyes.</i>
Ingestion:	<i>May cause gastrointestinal irritation.</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

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

14. TRANSPORT INFORMATION

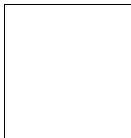
(rail/road) (RID/ADR)

UN-number:	-
RID/ADR, class:	<i>n.a.</i>
Packing group:	<i>n.a.</i>
Proper shipping name:	<i>n.a.</i>

Transport emergency card: -

15. REGULATORY INFORMATION

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



Xi Irritating

Risk phrases:

R36 *Irritating to eyes.*

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-
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Safety phrases:

S2 *Keep out of the reach of children.*

S25 *Avoid contact with eyes.*

S26 *In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.*

S28 *After contact with skin, wash immediately with plenty of water.*

S46 *If swallowed, seek medical advice immediately and show this container or label.*

S37/39 *Wear suitable gloves and eye/face protection.*

Name on label: -

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 warrantee, express or implied regarding its correctness.

Date of preparation: 17-09-2008

History: -

Dictated by: E.L.M. Klasen info@detergentinfo.nl

Changes were made in sections: -

List of relevant R phrases (heading 2)

R8 *Contact with combustible material may cause fire.*

R22 *Harmful if swallowed.*

R36 *Irritating to eyes.*

R41 *Risk of serious damage to eyes.*



SAFETY DATA SHEET

TRICEL PROF DISHWASH TABLETS REGULAR 18G

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name TRICEL PROF DISHWASH TABLETS REGULAR 18G

Product number 800-300-5825

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

Identified uses Machine dishwashing detergent.

1.3. Details of the supplier of the safety data sheet

Supplier COVENTRY CHEMICALS LTD
WOODHAMS RD
SISKIN DRIVE
COVENTRY
CV3 4FX
Tel: +44 (0) 02476639739
Fax: +44 (0) 02476639717
Email: sales@coventrychemicals.com

Contact person For content of safety data sheet: sds@coventrychemicals.com

1.4. Emergency telephone number

Emergency telephone +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Eye Irrit. 2 - H319

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xi;R41.

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements H319 Causes serious eye irritation.

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Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
 P102 Keep out of reach of children.
 P264 Wash contaminated skin thoroughly after handling.
 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.
 P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

SODIUM CARBONATE			10-30%
CAS number: 497-19-8	EC number: 207-838-8	REACH registration number: 01-2119485498-19-XXXX	
Classification Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi;R36		

SODIUM PERCARBONATE			10-30%
CAS number: 15630-89-4			
Classification Ox. Sol. 2 - H272 Eye Dam. 1 - H318 Acute Tox. 4 - H302	Classification (67/548/EEC or 1999/45/EC) Xn;R22. Xi;R41. O;R8.		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Provide eyewash station.
Inhalation	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

Skin contact	Prolonged skin contact may cause redness and irritation.
Eye contact	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

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

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Notes for the doctor No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water. Foam. Dry chemicals.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products No known hazardous decomposition products.

5.3. Advice for firefighters

Protective actions during firefighting Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid inhalation of dust. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. If involved in a fire, shut off flow if it can be done without risk.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container. Keep container dry.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Ingredient comments No exposure limits known for ingredient(s).

SODIUM CARBONATE (CAS: 497-19-8)

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DNEL

Workers - Inhalation; Long term local effects: 10 mg/m³

General population - Inhalation; Long term local effects: 10 mg/m³

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Wear tight-fitting, dust-resistant, chemical splash goggles if airborne dust is generated.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Simple Design for minimal risk.

Other skin and body protection

Use barrier creams to prevent skin contact. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Respiratory protection

Respiratory protection not required.

Environmental exposure controls

Avoid release to the environment. Users should be aware of environmental considerations and their duties under the environmental protection act. Further information may be found on Government websites: www.dti.gov.uk/access/index/htm and www.envirowise.gov.uk.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Tablet
Colour	White with blue, red and green speckles.
Odour	Citrus.
Odour threshold	Not applicable. Not applicable.
pH	pH (concentrated solution): pH (diluted solution): 10.4-10.8 @ 1% solution
Melting point	Not applicable.
Initial boiling point and range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not determined.
Evaporation factor	Not applicable.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	0.98-1.14 @ @ 20°C
Bulk density	Not applicable.

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Solubility(ies)	Not applicable. Soluble in water.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not applicable.
Explosive properties	Not applicable
Oxidising properties	Does not meet the criteria for classification as oxidising.
Comments	Information given concerns the solid substance.

9.2. Other information

Other information	Not relevant.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not applicable.
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10.4. Conditions to avoid

Conditions to avoid	Water, moisture.
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10.5. Incompatible materials

Materials to avoid	Do not mix with other cleaning chemicals
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10.6. Hazardous decomposition products

Hazardous decomposition products	None when stored and handled correctly
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

General information	This product has low toxicity. Only large quantities are likely to have adverse effects on human health.
Inhalation	No risk from inhalation in normal use
Ingestion	Large quantities swallowed may cause gastro-intestino irritation, possibly vomiting
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

SECTION 12: Ecological Information

Ecotoxicity	There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.
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12.1. Toxicity

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12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product. The surfactant(s) contained in this product complies(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.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product is water-soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Do not discharge into drains or watercourses or onto the ground.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Packaging is recyclable.

SECTION 14: Transport information

Road transport notes Not classified.

Rail transport notes Not classified.

Sea transport notes Not classified.

Air transport notes Not classified.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

National regulations The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

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EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) 1907/2006,
Guidance	Workplace Exposure Limits EH40. CHIP for everyone HSG228. COSHH Essentials. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations.

15.2. Chemical safety assessment

Currently we do not have information from our suppliers about this.

SECTION 16: Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	02/09/2015
Revision	1
Supersedes date	28/08/2013
SDS number	20926
Risk phrases in full	R22 Harmful if swallowed. R36 Irritating to eyes. R41 Risk of serious damage to eyes. R8 Contact with combustible material may cause fire.
Hazard statements in full	H272 May intensify fire; oxidiser. H302 Harmful if swallowed. H318 Causes serious eye damage. H319 Causes serious eye irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.