

## Safety Data Sheet in accordance with HSNO

Printing date 18.11.2022



Version number 5

Revision: 14.10.2022

### 1 Identification of the substance or mixture and of the supplier

- **Product identifier**
- **Trade name:** Coe Tray Cleaner
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Auxillary for dental technology
- **Details of the supplier of the safety data sheet**  
Henry Schein Dental  
  
243-249 Bush Road, Rosedale  
Auckland 0632, NEW ZEALAND  
  
Free Phone: 0800 808 855
- **Further information obtainable from:** Regulatory affairs
- **Emergency telephone number:** 0800 764 766 (National Poisons Centre)

### 2 Hazards identification

- **Classification of the substance or mixture**  
Acute Tox. 4 H302 Harmful if swallowed.  
Skin Irrit. 2 H315 Causes skin irritation.  
Eye Dam. 1 H318 Causes serious eye damage.
- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**  
  
GHS05 GHS07
- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Tetrasodium ethylenediaminetetraacetate  
disodium metasilicate  
sodium dodecylbenzenesulphonate, pure  
benzotriazole
- **Hazard statements**  
Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye damage.
- **Precautionary statements**  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.  
Immediately call a POISON CENTER/doctor.  
Specific treatment (see on this label).

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Rinse mouth.

Take off contaminated clothing and wash it before reuse.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/Information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:**

Only substances required to be mentioned according to Annex II of regulation 1907/2006 are listed. Information on the other substances that may be present can be obtained upon request.

- **Dangerous components:**

CAS: 497-19-8 EINECS: 207-838-8	sodium carbonate Eye Irrit. 2, H319	25-<50%
CAS: 64-02-8 EINECS: 200-573-9	Tetrasodium ethylenediaminetetraacetate Eye Dam. 1, H318; Acute Tox. 4, H302	10-<25%
CAS: 6834-92-0 EINECS: 229-912-9	disodium metasilicate Skin Corr. 1B, H314; Acute Tox. 4, H302; STOT SE 3, H335	1-<2.5%
CAS: 25155-30-0 EINECS: 246-680-4	sodium dodecylbenzenesulphonate, pure Acute Tox. 3, H301	1-<2.5%
CAS: 95-14-7 EINECS: 202-394-1	benzotriazole Acute Tox. 3, H301; Acute Tox. 4, H332; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	0.2-<0.5%
CAS: 88-04-0 EINECS: 201-793-8	4-chloro-3,5-dimethylphenol Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	0.2-<0.5%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 4 First aid measures

- **Description of first aid measures**
- **General information:**  
Immediately remove any clothing soiled by the product.  
If symptoms persist consult doctor.
- **After inhalation:**  
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.  
Do not use mouth to mouth or mouth to nose resuscitation.  
Take affected persons into fresh air and keep quiet.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
Seek medical treatment.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Protect unharmed eye.  
Rinse opened eye for several minutes under running water.  
If symptoms persist consult doctor.  
Call a doctor immediately.

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- **After swallowing:**  
*Do not induce vomiting; call for medical help immediately.  
Rinse out mouth and then drink plenty of water.*
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** *No further relevant information available.*
- **Indication of any immediate medical attention and special treatment needed**  
*No further relevant information available.*

### 5 Fire fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
*CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire extinguishing methods suitable to surrounding conditions.*
- **For safety reasons unsuitable extinguishing agents:** *Water with full jet*
- **Special hazards arising from the substance or mixture**  
*Formation of toxic gases is possible during heating or in case of fire.  
No further relevant information available.*
- **Advice for firefighters**
- **Protective equipment:** *Wear self-contained respiratory protective device.*
- **Additional information**  
*Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.*

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
*Remove persons from danger area.  
Avoid formation of dust.  
Avoid contact with the eyes and skin.  
Wear protective clothing.*
- **Environmental precautions:**  
*Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to penetrate the ground/soil.  
In case of seepage into the ground inform responsible authorities.*
- **Methods and material for containment and cleaning up:**  
*Pick up mechanically.  
Prevent formation of dust.  
Dispose of the material collected according to regulations.*
- **Reference to other sections**  
*See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.*

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
*Prevent formation of dust.  
Any unavoidable deposit of dust must be regularly removed.*

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- Avoid contact with the eyes and skin.*
- **Information about fire - and explosion protection:** *Dust can combine with air to form an explosive mixture.*
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** *Store only in unopened original receptacles.*
- **Information about storage in one common storage facility:** *Store away from foodstuffs.*
- **Further information about storage conditions:** *None.*
- **Specific end use(s)** *No further relevant information available.*

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** *No further data; see item 7.*
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
*The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*
- **Additional information:** *The lists valid during the making were used as basis.*
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
*The usual precautionary measures are to be adhered to when handling chemicals.*  
*Do not inhale dust / smoke / mist.*  
*Avoid contact with the eyes and skin.*  
*Wash hands before breaks and at the end of work.*  
*Immediately remove all soiled and contaminated clothing*
- **Respiratory protection:** *Suitable respiratory protective device recommended.*
- **Protection of hands:**



Protective gloves

- **Material of gloves**  
*The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*
- **Penetration time of glove material**  
*The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.*
- **Eye protection:**



Tightly sealed goggles

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### 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· <b>Form:</b>	Solid
· <b>Colour:</b>	Orange
· <b>Odour:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined.

· **pH-value at 20 °C:** 9.8

· **Change in condition**

· <b>Melting point/freezing point:</b>	95 °C
· <b>Initial boiling point and boiling range:</b>	Undetermined.

· **Flash point:** Not applicable.

· **Flammability (solid, gas):** Not determined.

· **Ignition temperature:** Undetermined.

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product does not present an explosion hazard.

· **Explosion limits:**

· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.

· **Vapour pressure:** Not applicable.

· <b>Density at 20 °C:</b>	0.94 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not applicable.
· <b>Evaporation rate</b>	Not applicable.

· **Solubility in / Miscibility with water:** Fully miscible.

· **Partition coefficient: n-octanol/water:** Not determined.

· **Viscosity:**

· <b>Dynamic:</b>	Not applicable.
· <b>Kinematic:</b>	Not applicable.

· **Solvent content:**

· **Water:** 1.0 %

· **Other information** No further relevant information available.

### 10 Stability and reactivity

· **Reactivity** No further relevant information available.

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known.

· **Conditions to avoid** No further relevant information available.

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- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

#### 497-19-8 sodium carbonate

Oral	LD50	4,000 mg/kg (rat (f+m))
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#### 6834-92-0 disodium metasilicate

Oral	LD50	1,280 mg/kg (rat (f+m))
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#### 88-04-0 4-chloro-3,5-dimethylphenol

Oral	LD50	3,830 mg/kg (rat (f+m))
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- **Primary irritant effect:**
- **Skin corrosion/irritation** Irritant to skin and mucous membranes.
- **Serious eye damage/irritation** Strong irritant with the danger of severe eye injury.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
Irritant  
Corrosive
- **Repeated dose toxicity** No further relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
No further relevant information available.

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

· <b>UN-Number</b> · <b>NZS, IMDG, IATA</b>	UN1759
· <b>UN proper shipping name</b> · <b>NZS</b>  · <b>IMDG, IATA</b>	1759 CORROSIVE SOLID, N.O.S. (sodium sulphate, DISODIUM TRIOXOSILICATE) CORROSIVE SOLID, N.O.S. (sodium sulphate, DISODIUM TRIOXOSILICATE)
· <b>Transport hazard class(es)</b>  · <b>NZS</b>	
	
· <b>Class</b> · <b>Label</b>	8 (C10) Corrosive substances. 8
· <b>IMDG, IATA</b>	
	
· <b>Class</b> · <b>Label</b>	8 Corrosive substances. 8
· <b>Packing group</b> · <b>NZS, IMDG, IATA</b>	II
· <b>Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b> · <b>Hazard identification number (Kemler code):</b> · <b>EMS Number:</b> · <b>Segregation groups</b> · <b>Stowage Category</b>	Warning: Corrosive substances. 80 F-A,S-B (SGG18) Alkalis A
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.

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**· Transport/Additional information:****· NZS****· Limited quantities (LQ)**

1 kg

**· Excepted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 500 g

**· Transport category**

2

**· Tunnel restriction code**

E

**· IMDG****· Limited quantities (LQ)**

1 kg

**· Excepted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 500 g

**· UN "Model Regulation":**

UN 1759 CORROSIVE SOLID, N.O.S. (SODIUM SULPHATE, DISODIUM TRIOXOSILICATE), 8, II

### 15 Regulatory information

**· Safety, health and environmental regulations/legislation specific for the substance or mixture****· New Zealand Inventory of Chemicals**

497-19-8	sodium carbonate
144-55-8	Sodium hydrogencarbonate
64-02-8	Tetrasodium ethylenediaminetetraacetate
6834-92-0	disodium metasilicate
7757-82-6	sodium sulphate
7732-18-5	Water
25155-30-0	sodium dodecylbenzenesulphonate, pure
95-14-7	benzotriazole
7647-14-5	Sodium chloride
9082-00-2	Oxirane, methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1)
2836-32-0	Sodium glycolate
88-04-0	4-chloro-3,5-dimethylphenol
7758-87-4	tricalcium bis(orthophosphate), with afluorine content of less than 0,005 % byweight on the dry anhydrous product
518-47-8	disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate
5064-31-3	trisodium nitrilotriacetate

**· HSNO Approval numbers**

None of the ingredients is listed.

**· GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

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- **Hazard pictograms**



GHS05 GHS07

- **Signal word** *Danger*

- **Hazard-determining components of labelling:**

*Tetrasodium ethylenediaminetetraacetate  
disodium metasilicate  
sodium dodecylbenzenesulphonate, pure  
benzotriazole*

- **Hazard statements**

*Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye damage.*

- **Precautionary statements**

*IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER/doctor.  
Specific treatment (see on this label).  
Rinse mouth.  
Take off contaminated clothing and wash it before reuse.  
Dispose of contents/container in accordance with local/regional/national/international regulations.*

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** *None of the ingredients is listed.*

- **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

### 16 Other information

- **Relevant phrases**

*H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H412 Harmful to aquatic life with long lasting effects.*

- **Department issuing SDS:** *Regulatory affairs*

- **Contact:** *msds@gc.dental*

- **Abbreviations and acronyms:**

*ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)*

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*LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**Acute Tox. 3: Acute toxicity – Category 3**Acute Tox. 4: Acute toxicity – Category 4**Skin Corr. 1B: Skin corrosion/irritation – Category 1B**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Dam. 1: Serious eye damage/eye irritation – Category 1**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2**Skin Sens. 1: Skin sensitisation – Category 1**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3***Sources**

- ECHA (<http://echa.europa.eu/>)
- EnviChem ([www.echemportal.org](http://www.echemportal.org))

• **\* Data compared to the previous version altered.**

*This version replaces all previous versions.*

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