

# SAFETY DATA SHEET (SDS)

Complies with OSHA's Hazard Communication Standard 2012 and the Global Harmonized Standard (GHS).

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## Section 1 : Identification

**Product Identification: Alginate Tray Cleaner Powder      Item Number: 100-5043**

Distributed by:

**Henry Schein Inc.**  
135 Duryea Road  
Melville, NY 11747

Telephone: 1-800-472-4346

Emergency: Chemtrec 1-800-424-9300

**Recommended use:** for cleaning dental trays.

## Section 2 : Hazard(s)



### **Warning (Irritant: Skin / Eye / Respiratory)**

#### Hazard Statements

H303      May be harmful if swallowed  
H315      Causes Skin Irritation  
H319      Causes serious eye irritation  
H335      May cause respiratory irritation if powder inhaled.

#### Precautionary Statements

P102 Keep out of reach of children  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P305+P351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P313 Skin irritation/Eye irritation: Get medical advice/attention  
P352 For skin: Wash with plenty of soap and water  
P265 Avoid breathing powder  
P331 Do NOT induce vomiting, aspiration hazard  
P301+310 IF SWALLOWED, immediately call a POISON CENTER or Doctor/Physician.

**Hazard Summary:** Product contains surfactants, sodium salts. Very low hazard when used according to label directions.

**Intended Use :** Professional Use Only for removing alginate from dental trays.

## Section 3 : Composition / information on Ingredients

Hazardous Ingredient(s)	CAS #	Exposure PEL, TLV, TWA	%
Nonionic surfactant	[9016-45-9]	NE	< 1
Sodium carbonate	[497-19-8]	NE	< 55
Tetrasodium salt of ethylenediamine tetraacetic acid (EDTA)	[64-02-8]	OSHA PEL: 2 MG/M3, ACGIH TLV: C 2 MG/M3	< 15
Sodium bicarbonate	[144-55-8]	NE	< 40
Sodium metasilicate	[6834-92-0]	NE	< 5

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## Section 4 : First-aid measures

### EMERGENCY FIRST AID PROCEDURES

**SKIN:** Flush area with water for 15 minutes. If irritation persists seek medical attention.

**EYE:** IMMEDIATE EYE WASH with water for 15 MINUTES. Seek immediate medical attention.

**INGESTION:** Do not Induce vomiting. Give large quantities of milk. Seek immediate medical attention.

**INHALATION:** Remove to fresh air. If discomfort persists seek medical attention.

### Potential Acute Health Effects

**Skin:** May cause irritation to skin on contact.

**Eyes:** May cause moderate to severe irritation when contacting eyes.

**Ingestion:** Gastrointestinal discomfort, nausea, irritation of mouth, nasal passages and throat.

**Inhalation:** Unlikely to cause health effects.

**Chronic Exposure:** Not established.

**Carcinogenicity:** Ingredients not listed as carcinogens.

## Section 5 : Fire-fighting measures

**Flash Point :** Not flammable      **Flammable limits :** N/A      **LEL :** N/A      **UEL :** N/A

**Extinguishing media:** Not flammable.

**Unusual fire and explosion hazards:** None

**Special Fire Fighting Procedure:** Product not flammable. No special requirements.

## Section 6 : Accidental release measures

**Personal precautions:** Use personal protection per Section 8.

**Environmental precautions:** Keep from contaminating soils and waterways.

**Methods for cleaning up:** Sweep up powder and dispose.

## Section 7 : Handling and storage

**Handling:** Use in well ventilated areas. Avoid contact with eyes. **Advice on protection against fire and explosion:** Product is not flammable. **Storage:** Store in well ventilated areas at ambient temp. **Advice on common storage:** **Do not store next to strong oxidizers and acids.**

## Section 8 : Exposure control / personal protection

**Engineering Measures:** Provide normal room ventilation.

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Section 8 cont--

**Personal Precautions:** Use protective clothing as specified below.

**Eye Protection:** Use safety goggles or approved safety glasses.

**Hand Protection:** Use protective gloves and discard after contact with product.

**Skin and body protection:** Pants, long sleeves, clinical jacket.

**Respiratory protection:** Not normally required as long as adequate room ventilation is present.

**Hygiene measures:** Wash hands after using. Emergency eye wash station must be available.  
Launder contaminated clothing.

Exposure Guidelines: None determined.

## **Section 9 : Physical chemical properties**

Boiling Point : N/A      Specific Gravity : > 1 @ 20C      Vapor Pressure: (mm Hg) ND

Melting Point : ND      Evaporation Rate : (n-butyl = 1) ND      Vapor Density : (Air = 1) ND

Solubility in Water : Complete      pH: 10-11 (10% IN WATER)

Appearance and Odor: light yellow to orange uniform powder with detergent odor.

## **Section 10 : Stability and reactivity**

**Materials to avoid:** Avoid contact with strong oxidizing agents, strong acids, halogens, peroxides.

**Hazardous decomposition products:** Product may produce carbon monoxide, carbon dioxide, sulfur and nitrogen oxides under extreme heat.

**Hazardous reactions:** May evolve gases if mixed with strong oxidizing agents and acids.

## **Section 11 : Toxicological information**

Acute oral toxicity: Nonionic surfactant = LD<sub>50</sub> > 1310 mg/kg (rat)

Sodium Carbonate: (LD50): 4090 mg/kg [Rat]. 6600 mg/kg [Mouse]

Sodium metasilicate = LD<sub>50</sub>> 1153 mg/kg (rat)

Sodium Bicarbonate = (LD50): 3360 mg/kg [Mouse]

EDTA = LD<sub>50</sub>> between 630-1280 mg/kg (rat)

Not listed as a carcinogen by OSHA, IARC, AGCIH, or NTP.

## **Section 12 : Ecological information**

There is no information available at this time for this product.

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## **Section 13 : Disposal consideration**

**Waste/Disposal Information:** Observe all Federal, State, and Local Environmental Regulations when disposing of this product. Use and or alterations to this product such as mixing with other materials/chemicals may significantly change the characteristics of the material and alter product hazard classifications and the proper disposal method.

## **Section 14 : Transport information**

Product is not classified as a Hazardous Material: (If NO, DOT Information not required)

DOT Proper Shipping name:	Not required
UN-Number:	Not required
Class:	Not required
Packing Group:	Not required

## **Section 15 : Regulatory information**

None for this product.

## **Section 16 : Other information**

**Date prepared: February 2015**

**Revision: 1.00A**

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