

# 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:** Tray Cleaner Powder

**Item Number:** 00141

Manufactured by:

EPR Industries LLC.  
4576 Crescent Boulevard  
Pennsauken, NJ 08109

Telephone: 1-856-488-1120

**Emergency: Info-Trac 1-800-535-5053**

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

## Section 2 : Hazard(s)

### **Classification of the substance or mixture:**

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Eye irritation (Category 2A)

Acute Toxic Oral (Category 5)

Acute Toxic Dermal (Category 5)

Specific Target Organ Toxicity, Single Exposure Respiratory (Category 3)



### **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.

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## **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

## **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.

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## **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.

**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: (LD<sub>50</sub>): 4090 mg/kg [Rat]. 6600 mg/kg [Mouse]

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

Sodium Bicarbonate = (LD<sub>50</sub>): 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.

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## **Section 12 : Ecological information**

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

## **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: 1.01A**

**Replaces previous version: 1.00A**

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