

## MATERIAL SAFETY DATA SHEET

---

Number: Z-0003 (E)  
Date prepared: June 2, 2005  
Date revised: May 31, 2006

### 1. Chemical Product and Company Identification

Product code: -  
Product name: PLAQUE DISCLOSING GEL  
Manufacturer / Supplier:  
GC Corporation, 76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan  
Postal code 174-8585, Phone 81-3-3965-1388

**Australian supplier:**  
**Henry Shein Halas Dental Co., Ltd.,**  
**Sydney – Head Office**  
**44 O'Dea Ave, Waterloo, NSW 2017**  
**Emergency Phone (02) 9697-6288**  
**Fax (02) 9697 6250**

### 2. Composition / Information on Ingredients

(%chemical components by WT)

	Wt %
Pure water (CAS 7732-18-5)	70-75
Ethyl alcohol (CAS 64-17-5)	18-20
Food red No.105 (CAS 632-68-8)	4
D-sorbitol (CAS 50-70-4)	3
CMC-Na (CAS 9004-32-4)	2
Sodium salicylate (CAS 54-21-7)	<1
Sodium saccharin (CAS 128-44-9)	<0.1
Butyl p-hydroxybenzoate (CAS 94-26-8)	<1
Flavouring (CAS - )	<1%

### 3. Hazards Identification

Emergency Overview:  
May cause allergic skin sensitization to a person with a history of aspirin asthma. If any sensitivity is experienced, discontinue the use of the product and refer to a physician. No other hazardous or harmful effects are found in the material.

Potential Health Effects

Eye: May cause slight irritation.

Skin: May cause sensitization to a person with a history of aspirin asthma.

Ingestion: No hazardous effect known

Inhalation: Not applicable

### 4. First Aid Measures

Eyes: Flush eyes with plenty of water. If irritation develops, get medical attention..

Skin: Wash with soap and water.

Ingestion: Do not induce vomiting., give plenty of water. Get medical attention if necessary.

### 5. Fire Fighting Measures

**Flammable Properties**

**Flash Point:** Not flammable

**Flammable Limits:** Not applicable

**Auto Ignition Temperature:** Non auto igniting material

**Hazardous Combustion Products:** None

**Extinguishing Media:** Chemical foam, carbon dioxide and dry chemical

**Fire Fighting Instructions:** Water can be used to cool fire-exposed container and protect personnel.

Use of normal protective equipment is recommended.

## 6. Accidental Release Measures

**Small Spill:** Absorb with inert material, transfer to container for disposal. Wash area with detergent and water.

**Large Spill:** Usually no occasions to be disposed of in large spill

## 7. Handling and Storage

**Handling:** Keep container closed when not in use.

**Storage:** Store in a cool dry place in tightly closed container.

## 8. Exposure Controls, Personal Protection

**Respiratory Protection:** Not required

**Skin Protection:** Protective gloves are recommended.

**Eye Protection:** Goggles or full face shield are recommended.

**Exposure Guideline(s):** Not required

**Engineering Controls:** Not required

## 9. Physical and Chemical Properties

**Appearance:** Violet gel

**Odor:** None reported

**Boiling Point:** 85°C

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Solubility in Water:** Soluble

**Specific Gravity:** 1 @25°C

**Melting Point:** Not available

**Volatile:** Not applicable

## 10. Stability and Reactivity

**Stability:** Stable

**Incompatibility:** None

**Hazardous Decomposition Products:** None

**Hazardous Polymerization:** None

## 11. Toxicological Information

**Acute Oral Effects:** Not established

**Mucous irritation:** Not established

**Sensitization to product:** Not established

**Mutagenicity:** Not established

## 12. Ecological Information

No data are available on the adverse effects of this material on the environment.

## 13. Disposal Considerations

According to the information provided to us, this material can be disposed of with household waste.

It is recommended however to consult state or regional regulations regarding proper disposal.

**14. Transport Information**

**IMO Regulations:** Not IMO hazardous material

**ICAO and IATA Regulations:** Not ICAO/IATA hazardous material

**15. Regulatory Information**

No specific information available.

**16. Other Information**

No specific information available.

The information herein is given in good faith, but no warranty expressed or implied is made.