

GC Sep

**MATERIAL SAFETY DATA SHEET**

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**Number: 03-2-074-(1)-EA****Date prepared: June 24, 2003****Date revised: December 20, 2010****Revised detail: Format Changed****1. Chemical Product and Company Identification****Product code: -****Product name: GC Sep****Company Identification:****GC Corporation, 76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan****Postal code 174-8585, Phone 81-3-3965-1388****Australian supplier:****Henry Schein Halas Dental Co., Ltd.,****Sydney – Head Office****44 O'Dea Ave, Waterloo, NSW 2017****Emergency Phone (02) 9697-6288 / 1300 658822****Fax (02) 9697 6250****New Zealand supplier:****Henry Schein Regional Ltd****23 William Pickering Drive****Albany, Auckland****Emergency Phone 0800 764 766****Fax 0800 808 555****2. Composition / Information on Ingredients**

(% chemical components by WT)

Isopropyl alcohol (CAS# 67-63-0)

40%

Polyethyleneglycol (CAS# 27252-75-1)

25%

Polyoxyethylenonylphenyl ether (CAS# 9016-45-9)

10%

Water (CAS# 7732-18-5)

25%

**3. Hazards Identification**

This material is hazardous according to health criteria of NOHSC Australia.

This material is classified as Dangerous Goods as per ADG Code

Poison schedule (SUSDP): None

**Hazard Classification**

Xi

Irritant

**R/S Phrase**

R11: Flammable.

R37/38: Irritating to respiratory system and skin.

R43: May cause sensitisation by skin contact.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe gas/spray

S24: Avoid contact with skin.

S37: Wear suitable gloves.

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

**4. First Aid Measures****Eyes:** Flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention.**Skin:** Flush skin with plenty of soap and water for at least 15 minutes. Get medical attention if irritation persists.

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**Ingestion:** Wash out mouth with water. Make victim drink water. Get medical attention immediately.

**Inhalation:** Remove to fresh air, and keep at rest. Get medical attention in the event of complaints.

## 5. Fire Fighting Measures

### Flammable Properties

**Flash Point:** Flammable (No data )

**Flammable Limits:** Not determined

**Auto Ignition Temperature:** Not determined

**Hazardous decomposition products:** Burning product: Carbon dioxide, carbon monoxide

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

**Fire Fighting Instructions:** In case of fire, use breathing apparatus. Wear suitable protective clothing.

## 6. Accidental Release Measures

Eliminate source of ignition. Wear protective equipment and keep unprotected persons away.

Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container.

Do not allow product to reach sewage system or any watercourse. Prevent seepage into sewage

system, workpits and cellars.

Inform respective authorities in case of seepage into watercourse or sewage system.

**Measures for environmental protection:** Do not flush to sewer.

**Measures for cleaning/collections:** Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Ensure adequate ventilation.

## 7. Handling and Storage

**Handling:** Keep Ignition sources away – Do not smoke.

Ensure good ventilation/exhaustion at workplace.

**Storage:** Store in cool, dry conditions in well sealed receptacles. Keep receptacle tightly sealed.

## 8. Exposure Controls, Personal Protection

**Respiratory Protection:** In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

**Skin Protection:** Protective gloves.

**Eye Protection:** Tightly sealed goggles.

### Exposure Limits:

	ACGIH	NIOSH	OSHA-Final PELs
Isopropyl alcohol (CAS# 67-63-0)	200 ppm TWA, 400 ppm STEL	400 ppm TWA, 980 mg/m <sup>3</sup> TWA 2000 ppm IDLH	400 ppme TWA, 980 mg/me TWA
Polyethyleneglycol (CAS# 25322-68-3)	None listed	None listed	None listed
Polyoxyethylenenonylphenyl ether (CAS# 9016-45-9)	None listed	None listed	None listed

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## 9. Physical and Chemical Properties

**Appearance:** Light yellow liquid.

**Odor:** Alcohol like

**Boiling Point:** Not available

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Solubility in Water:** Soluble

**Specific Gravity:** Not available

**Freezing Point:** Not available

**pH:** Not available

**Volatile:** Not available

## 10. Stability and Reactivity

**Stability:** Stable under ordinary conditions of use and storage. Heat and sunlight can contribute to instability.

**Incompatibility:** Strong oxidizing agents, strong acids, strong bases, chlorine, ethylene oxide, hydrogen peroxide-sulfuric acid combination, nitro form, etc.

**Hazardous Decomposition Products:** Carbon dioxide and carbon monoxide may form when heated to decomposition.

**Hazardous Polymerization:** Will not occur.

## 11. Toxicological Information

**CAS# 67-63-0**

**LD50/LC50:**

Oral mouse: LD50=3600 mg/kg, Oral rabbit: LD50=6410 mg/kg, Oral rat: LD50=5045 mg/kg,

Oral rat: LD50=5045 mg/kg

Skin rabbit: LD50=12800 mg/kg

Inhalation mouse: LC50=53000 mg/m<sup>3</sup>, Inhalation rat: LC50=16000 ppm/8H,

Inhalation rat: LC50=72600 mg/m<sup>3</sup>

**Carcinogenicity:** Not listed by ACGIH, IARC, NTP or CA Prop 65

**CAS# 25322-68-3**

**LD50/LC50:** Not available

**CAS# 9016-45-9**

**LD50/LC50:** Not available

## 12. Ecological Information

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste.

Dispose of container and unused contents in accordance with federal, state and local regulations.

Do not throw unexhausted container into a fire.

## 14. Transport Information

**IMO Regulations (IMDG):**

Proper shipping name: Isopropyl alcohol

Hazardous class: 3, Flammable liquid.

UN Number: UN1219

Packing group: II

Marine Pollutant: No

**ICAO and IATA Regulations:**

Proper shipping name: Isopropyl alcohol

Hazardous class: 3, Flammable liquid.

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UN Number: UN1219

Packing group: II

**15. Regulatory Information****Chemical Inventory Status –**

Isopropyl alcohol (67-63-0)

TSCA	EC	Japan	Australia	Korea	DSL	NDSL	Phil.
Yes	Yes	Yes	Yes	Yes		No	yes

**Federal, State & International Regulations –**

Isopropyl alcohol (67-63-0)

-SARA 302-	-SARA 313-		
RQ	TPQ	List	Chemical Catg.
No	No	Yes	No

**16. Other Information**

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