

Preparation Date 2022/08/19

Safety Data Sheet (SDS)

Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	GC Tri Plaque ID Gel
Product Code	201218-7
Name of Supplier	GC Corporation
Address	76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan, Postal code 174-8585
Company Contact	Quality Assurance department
Phone Number	81-3-3965-1388
Fax Number	81-3-3965-1276
Restriction on Use	Prohibit use by anyone other than qualified dentistry. Prohibit use for purposes other than those written in this product IFU. Surgeons / patients who have a rash, dermatitis, or other hypersensitivity to this product should discontinue use and seek medical attention immediately.

Section 2 – HAZARDS IDENTIFICATION

GHS Classification of the Chemical

Health Hazards	Carcinogenicity Category 1A Reproductive toxicity Category 1A Specific target organ toxicity (repeated exposure) Category 2 (liver respiratory apparatus kidney immunological system) Other hazards than mentioned above are Not classified or Classification not possible.
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GHS Label Elements

Pictograms



Signal Word	Danger
Hazard Statements	H350 May cause cancer H360 May damage fertility or the unborn child H373 May cause damage to liver, respiratory apparatus, kidney, immunological system through prolonged or repeated exposure
Precautionary Statements	
Prevention	Obtain special instructions before use.(P201) Do not handle until all safety precautions have been read and understood.(P202) Do not breathe dust/fume/gas/mist/vapours/spray.(P260) Wear protective gloves/protective clothing/eye protection/face protection.(P280)
Response	IF exposed or concerned: Get medical advice/attention.(P308+P313) Get medical advice and attention if you feel unwell.(P314)
Storage	Store locked up.(P405)
Disposal	Dispose of contents and container in accordance with local, regional and national regulations (to be specified).(P501)

Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance
or Mixture

Mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCS No./ISHL No.		CAS RN
			ENCS No.	ISHL No.	
Glycerol	Confidential	Confidenti al	Confidenti al	Confidenti al	Confidential
Ethyl alcohol	Confidential	Confidenti al	Confidenti al	Confidenti al	Confidential
Silicon dioxide	Confidential	Confidenti al	Confidenti al	Confidenti al	Confidential
Ethyl parahydroxybenzoate	Confidential	Confidenti al	Confidenti al	Confidenti al	Confidential
Purified water	Confidential	Confidenti al	Confidenti al	Confidenti al	Confidential
Colorant	Confidential	Confidenti al	Confidenti al	Confidenti al	Confidential

Section 4 – FIRST AID MEASURES

Inhalation

Call a doctor if you feel unwell.

IF exposed or concerned: Get medical advice and attention.

Skin Contact

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice and attention.

IF exposed or concerned: Get medical advice and attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice and attention.

Ingestion

Rinse mouth.

IF SWALLOWED: Call a doctor if you feel unwell.

IF exposed or concerned: Get medical advice and attention.

Section 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing
Media

Use extinguishing agent suitable for type of surrounding fire.

When dust occurs, use dry sand.

Unsuitable Extinguishing
Media

No information available

Specific Hazards in Case
of Fire

Risk of producing harmful gases such as carbon monoxide. Avoid inhalation of smoke or gases.

Specific Fire Fighting

Fight fire from upwind position if possible

Keep away from sources of ignition and use appropriate extinguishing media.

Prohibit unauthorized staff from entering the area around the fire.

Special Protective
Equipment and
Precautions for Fire

Keep unnecessary people away.

Use goggles in combination with dust mask, and another protections as appropriate to situation.

Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions,
Protective Equipment and
Emergency Procedures

Use goggles in combination with dust mask, and another protections as appropriate to situation.

Environmental
Precautions
Methods and Equipment
for Containment and
Cleaning Up

Large spills :Evacuate area.
Ensure adequate ventilation.
Do not discharge into the drains, surface waters or
ground water directly.
small spill : absorb with material such as non-
combustible material wash thoroughly after handling

Large spills: Dike spills and dispose of in safe area.

Prevention Measures for
Secondary Accidents

Keep away from sources of ignition and prepare
extinguishing media.
Risk of slipping. Spilled material forms slippery floor.

Do not recklessly walk on the spillage.

Section 7 – HANDLING AND STORAGE

Handling

Technical Measures

Please comply with this section and the contents of
this product IFU.
Provide ventilation system and use necessary
personal protective equipment as described in
"Section 8 – EXPOSURE CONTROLS / PERSONAL
PROTECTION".
Use local exhaust ventilation in case of production
of fume or mist.
Facilities storing or utilizing this material should be
equipped with an eyewash facility and a safety
shower.

Precautions for Safe
Handling

Wear protective gloves/protective clothing/eye
protection/face protection.
Do not breathe dust/fume/gas/mist/vapours/spray.

Prevents Handling of
Incompatible
Substances or

Refer to "Section 10 – STABILITY AND
REACTIVITY".

Storage

Conditions for Safe
Storage

Refer to "Section 10 – STABILITY AND
REACTIVITY".
Store locked up.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

	Exposure Limits (ACGIH)
Ethyl alcohol	TWA -, STEL 1000 ppm

Engineering Controls

Use local exhaust ventilation in case of production
of fume or mist.
Facilities storing or utilizing this material should be
equipped with an eyewash facility and a safety
shower.

Personal Protective
Equipment

Respiratory
Protection

If necessary, wear respiratory protection.

Hand Protection

Wear protective gloves.

Eye/Face Protection

Wear eye protection/face protection.

Skin and Body
Protection

Wear protective clothing.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State		liquid
Form		liquid (viscous liquid)
Colour		Deep blue
Odour		Odourless
Melting Point/Freezing Point		No data available
Boiling Point or Initial Boiling Point and Boiling Ranges		No data available
Flammability		No data available
Lower and Upper Explosion Limit / Flammability Limit	Lower Limit	No data available
	Upper Limit	No data available
Flash Point		No data available
Auto-Ignition Temperature		No data available
Decomposition Temperature		No data available
pH		No data available
Kinematic Viscosity		No data available
Solubility		No data available
Partition Coefficient : n-Octanol/Water		No data available
Vapour Pressure		No data available
Density and/or Relative Density		No data available
Relative Gas Density		No data available
Particle Characteristics		No data available

Section 10 – STABILITY AND REACTIVITY

Reactivity		No information available
Chemical Stability		Stable under normal conditions of use.
Possibility of Hazardous Reaction		Under normal conditions of use, no dangerous reaction is known.
Conditions to Avoid		Fire Spark High temperature Sunlight Static Heat
Incompatible Substances or Mixtures		Strong oxidant
Hazardous Decomposition Products		CO _x

Section 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity	Oral	Classification not possible
	Dermal	Classification not possible
	Inhalation	(gas) Does not fall under gas based on GHS definitions. (vapour)

	Classification not possible
	(dust and mist)
Skin Corrosion/Irritation	Unable to classify Classification not possible
Serious Eye Damage/Eye Irritation	Classification not possible
Respiratory Sensitization	Unable to classify
Skin Sensitization	Unable to classify
Germ Cell Mutagenicity	Unable to classify
Carcinogenicity	Category 1A
Reproductive Toxicity	(Reproductive toxicity) Category 1A
	(Reproductive toxicity, effects on or via lactation)
	Unable to classify
Specific Target Organ Toxicity (Single Exposure)	Classification not possible
Specific Target Organ Toxicity (Repeated Exposure)	Category 2(liver)
	Category 2(respiratory apparatus)
	Category 2(kidney)
	Category 2(immunological system)
	*Category 2(central nervous system) ingredients is contained 5%.
Aspiration Hazard	Classification not possible

Section 12 – ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment, Short-Term (Acute)	Classification not possible
Hazardous to the Aquatic Environment, Long-Term (Chronic)	Classification not possible
Ecotoxicity	No data available
Persistence	No data available
Bioaccumulative Potential	No data available
Mobility in Soil	No data available
Hazardous to the Ozone Layer	Unable to classify

Section 13 – DISPOSAL CONSIDERATIONS

Residual Waste	Before disposal, make the wastes harmless, stabilized, and neutralized, and minimize danger and toxicity of the wastes. Dispose of waste in accordance with local, state and federal regulations.
Contaminated Container and Packaging	Passed to a licensed waste contractor. In case of disposal of empty containers, remove the content thoroughly.

Section 14 – TRANSPORT INFORMATION

International Regulations	Regulatory Information by Sea Marine Pollutant Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code	Not regulated Not applicable Applicable
Regulations in Japan	Regulatory Information by Air Regulatory Information by Road Regulatory Information by Sea Marine Pollutant Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code Regulatory Information by Air	Not regulated Complies with the Fire Service Act. Not regulated Not applicable Applicable Not regulated
Emergency Response Guide Number		None

Section 15 – REGULATORY INFORMATION

It is recommended to consult the local regulations of the state/region to determine the identification as hazardous material.

Section 16 – OTHER INFORMATION

Information Contact Other Property	Described in item 1 The information herein is given in good faith, but no warranty expressed or implied, is made.
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