

Preparation Date 2021/01/27

## Safety Data Sheet (SDS)

### Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	GC TISSUE CONDITIONER Liquid
Product Code	210112-2
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.

Use for purposes other than those stated in the [Performance, Purpose of use, Efficacy or Effect] of the package insert is prohibited.

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	Serious eye damage/eye irritation Category 2B Carcinogenicity Category 1A Reproductive toxicity Category 1A Specific target organ toxicity (repeated exposure) Category 1 (liver) Specific target organ toxicity (repeated exposure) Category 2 (central nervous 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	H320 Causes eye irritation H350 May cause cancer H360 May damage fertility or the unborn child H372 Causes damage to liver through prolonged or repeated exposure H373 May cause damage to central nervous 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) Wash hand thoroughly after handling.(P264) Wash eye thoroughly after handling.(P264) Do not eat, drink or smoke when using this product.(P270) Wear protective gloves/protective clothing/eye protection/face protection.(P280)

Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.(P305+P351+P338)
	IF exposed or concerned: Get medical advice/attention.(P308+P313)
	Get medical advice and attention if you feel unwell.(P314)
	If eye irritation persists: Get medical advice/attention.(P337+P313)
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.	
Dibutyl sebacate	Confidential	Confidential	Confidential	Confidential	Confidential
Cross-linking agent	Confidential	Confidential	Confidential	Confidential	Confidential
Ethanol	10–20%	Confidential	Confidential	Confidential	Confidential
Quaternary ammonium compound	Confidential	Confidential	Confidential	Confidential	Confidential
Inhibitor	<5%	Confidential	Confidential	Confidential	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 eye irritation persists: Get medical advice/attention.
Ingestion	IF exposed or concerned: Get medical advice and attention. 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

Prevention Measures for Secondary Accidents  
 Large spills: Dike spills and dispose of in safe area.  
 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 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  
 Do not eat, drink or smoke when using this product.  
 Wash hands thoroughly after handling.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Do not breathe dust/fume/gas/mist/vapours/spray.

Storage	Prevents Handling of Incompatible Substances or Conditions for Safe Storage	Refer to “Section 10 – STABILITY AND REACTIVITY”. Refer to “Section 10 – STABILITY AND REACTIVITY”. Store locked up.
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Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

	Exposure Limits (ACGIH)
Ethanol	TWA -, STEL 1000 ppm
Inhibitor	TWA 2 mg/m <sup>3</sup> (IFV), STEL -

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
Colour		Clear
Odour		Ester-like
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		No information available
Possibility of Hazardous Reaction		No information available
Conditions to Avoid		No information available
Incompatible Substances or Mixtures		No information available
Hazardous Decomposition Products		No information available

#### Section 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity	Oral	Unable to classify
	Dermal	Unable to classify
	Inhalation	(gas) Does not fall under gas based on GHS definitions.
		(vapour) Unable to classify (dust and mist) Unable to classify

Skin Corrosion/Irritation	Unable to classify
Serious Eye Damage/Eye Irritation	Category 2B
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)
Specific Target Organ Toxicity (Single Exposure)	Unable to classify Unable to classify
Specific Target Organ Toxicity (Repeated Exposure)	Category 1(liver)
Aspiration Hazard	Category 2(central nervous system) Unable to classify
<b>Section 12 – ECOLOGICAL INFORMATION</b>	
Hazardous to the Aquatic Environment, Short-Term (Acute)	Unable to classify
Hazardous to the Aquatic Environment, Long-Term (Chronic)	Unable to classify
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
<b>Section 13 – DISPOSAL CONSIDERATIONS</b>	
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.
<b>Section 14 – TRANSPORT INFORMATION</b>	
International Regulations	Regulatory Information by Sea Not regulated
Marine Pollutant Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code	Not applicable applicable
Regulations in Japan	Regulatory Information by Air Not regulated
	Regulatory Information by Road Not regulated

	Regulatory Information by Sea	Not regulated
	Marine Pollutant Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code	Not applicable applicable
	Regulatory Information by Air	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	Described in item 1
Other Property	The information herein is given in good faith, but no warranty expressed or implied, is made.