

Preparation Date 2021/05/31

Safety Data Sheet (SDS)

Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	FREEGENOL TEMPORARY PACK (Base)
Product Code	20210527-1
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

Section 2 – HAZARDS IDENTIFICATION

GHS Classification of the Chemical

Health Hazards	Reproductive toxicity Category 2 Specific target organ toxicity (single exposure) Category 1 (respiratory apparatus systemic toxicity)
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Environmental Hazards	Hazardous to the aquatic environment, short-term (acute) Category 1 Hazardous to the aquatic environment, long-term (chronic) Category 1 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	H361 Suspected of damaging fertility or the unborn child H370 Causes damage to respiratory apparatus, systemic toxicity H410 Very toxic to aquatic life with long lasting effects

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) Do not eat, drink or smoke when using this product.(P270) Avoid release to the environment.(P273) Wear protective gloves/protective clothing/eye protection/face protection.(P280)
Response	IF exposed or concerned: Call a doctor.(P308+P311) IF exposed or concerned: Get medical advice/attention.(P308+P313) Specific treatment.(P321) Collect spillage.(P391)
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.	
Pigment	Confidential	Confidential	Confidential	Confidential	Confidential
Zinc oxide	Confidential	Confidential	Confidential	Confidential	Confidential
Vaseline	Confidential	Confidential	Confidential	Confidential	Confidential
Olive oil	Confidential	Confidential	Confidential	Confidential	Confidential

Section 4 – FIRST AID MEASURES

Inhalation

Call a doctor if you feel unwell.

Skin Contact

IF exposed or concerned: Call a doctor.

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

If skin irritation occurs: Get medical advice and attention.

Eye Contact

IF exposed or concerned: Call a doctor.

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

Ingestion

IF exposed or concerned: Call a doctor.

Rinse mouth.

IF SWALLOWED: Call a doctor if you feel unwell.

IF exposed or concerned: Call a doctor.

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.

Keep unnecessary people away.

Special Protective Equipment and Precautions for Fire

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

Large spills :Evacuate area.

Ensure adequate ventilation.

Collect spillage.

Methods and Equipment for Containment and Cleaning Up

Do not discharge into the drains, surface waters or ground water directly.

Sweep or vacuum spills to drums or containers.

Prevention Measures for Secondary Accidents

Keep away from sources of ignition and prepare extinguishing media.

Section 7 – HANDLING AND STORAGE

Handling	Technical Measures	<p>Please comply with this section and the contents of this product IFU.</p> <p>Provide ventilation system and use necessary personal protective equipment as described in "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION".</p> <p>Use local exhaust ventilation in case of production of fume or mist.</p> <p>Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.</p>
	Precautions for Safe Handling	<p>Do not eat, drink or smoke when using this product.</p> <p>Wash hands thoroughly after handling.</p> <p>Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>Do not breathe dust/fume/gas/mist/vapours/spray.</p>
	Prevents Handling of Incompatible Substances or	<p>Refer to "Section 10 – STABILITY AND REACTIVITY".</p>
Storage	Conditions for Safe Storage	<p>Refer to "Section 10 – STABILITY AND REACTIVITY".</p> <p>Protect from sunlight and store in well-ventilated place.</p> <p>Store locked up.</p>

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

	Exposure Limits (ACGIH)
Zinc oxide	TWA 2 mg/m3(R), STEL 10 mg/m3(R)

Engineering Controls		<p>Use local exhaust ventilation in case of production of fume or mist.</p> <p>Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.</p>
Personal Protective Equipment	<p>Respiratory Protection</p> <p>Hand Protection</p> <p>Eye/Face Protection</p> <p>Skin and Body Protection</p>	<p>If necessary, wear respiratory protection.</p> <p>Wear protective gloves.</p> <p>Wear eye protection/face protection.</p> <p>Wear protective clothing.</p>

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State		paste
Form		paste
Colour		yellow white
Odour		Odorless
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	Stable under normal conditions of use.
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	No information available
Incompatible Substances or Mixtures	No information available
Hazardous Decomposition Products	No information available

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) Unable to classify (dust and mist) Classification not possible
Skin Corrosion/Irritation		Classification not possible
Serious Eye Damage/Eye Irritation		Classification not possible
Respiratory Sensitization		Unable to classify
Skin Sensitization		Classification not possible
Germ Cell Mutagenicity		Unable to classify
Carcinogenicity		Unable to classify
Reproductive Toxicity		(Reproductive toxicity) Classified as Category 2 (Reproductive toxicity, effects on or via lactation)
Specific Target Organ Toxicity (Single Exposure)		Unable to classify Category 1(respiratory apparatus) Category 1(systemic toxicity)

Specific Target Organ Toxicity (Repeated Exposure)	Unable to classify
Aspiration Hazard	Classification not possible

Section 12 – ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment, Short-Term (Acute)	Classified as Category 1
Hazardous to the Aquatic Environment, Long-Term (Chronic)	Classified as Category 1
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	Not regulated
	Marine Pollutant	Applicable
	Liquid Substance	Applicable
	Transported in Bulk	
	According to MARPOL 73/78, Annex II, the IBC Code	
	Regulatory Information by Air	Not regulated
Regulations in Japan	Regulatory Information by Road	Not regulated
	Regulatory Information by Sea	Not regulated
	Marine Pollutant	Applicable
	Liquid Substance	Applicable
	Transported in Bulk	
	According to MARPOL 73/78, Annex II, the IBC Code	
	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.