

February 8, 2018

		Safety Data Sheet
		NCE/PREPARATION AND THE COMPANY/UNDERTAKING
Product name	ProteoGREEN-	gGlu
Product code	GC801	
Company name	GORYO Chemio	
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GHS classification		
Classification of th		int
PHYSICAL HAZ		
HEALTH HAZA		Classification not possible Classification not possible
ENVIRONMEN		Classification not possible
Label elements		Classification not possible
Pictograms or ha	ard symbols	None
Signal word	221 U 5y 110015	No signal word
Hazard statemer	nte	None
Precautionary st		None
OMPOSITION/INFO		
Substance or Mix		
Compound name		oGREEN-gGlu
Percent		6 (LC)
RST AID MEASURE		
Skin contact		
• Wash	off immediately w	vith plenty of water. If symptoms persist, call a physician.
		sh appears, call a physician.
Eye contact		
• Rinse	thoroughly with p	olenty of water, also under the eyelids. If symptoms persist, consult a
physi	cian.	
• Take	off your contact le	ns when wash with water.
Inhalation		
• Remo	ve to fresh air imr	nediately, give a rest and keep warm covering the body with blanket, and
obtair	n medical attention	n.
• If feel	ling bad, call a phy	vsician.
Ingestion		
• Rinse	out mouth thorou	ghly with water.
• If feel	ling bad, call a phy	<i>v</i> sician.
Protection of first-	aiders	
· A reso RE-FIGHTING MEA		personal protective equipment, such as rubber gloves and airtight goggles.
Suitable extinguis	shing media	Water spray, Alcohol resistance, Powder, Carbon dioxide
Specifically dange	erous hazards	Thermal decomposition can lead to release of irritating and toxic gase and vapors.
Extinguishing me	thod	Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is

fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so. Use personal protective equipment as required

Protection of fire-fighters 6. ACCIDENTAL RELEASE MEASURES

Personal precautions

- · Go to the windward, and wearing protective clothing during procedures is imperative.
- · Keep away the people under lee and seal off by roping spill site.
- Keep away near inflammables swiftly and prepare fire-fighting equipment.

Environmental precautions

• Prevent product from entering drains.

Methods and materials for containment and cleaning up

• Do not touch spilled material without suitable protection. After material is completely picked up, wash the spill site with soap and water and ventilate the area. Put all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose of contaminated clothing.

7. HANDLING AND STORAGE

Handling

Technical measures

- Handling is performed in a well-ventilated place.
- $\boldsymbol{\cdot}$ Avoid contact with skin, eyes and clothing.
- \cdot Wear suitable protective equipment.
- · Wash hands and face thoroughly after handling.
- · Use a local exhaust if dust or aerosol will be generated.

Advice on safe handling

- Handle in accordance with good industrial hygiene and safety practice.
- · Vessel shouldn't be treated violently, such as rolling, shocking or dragging.

Storage

- Storage conditions
 - Keep container tightly closed. Store in a dark place under -20 degrees Celsius.
 - Avoid long storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	Engineering controls	Install a closed system or local exhaust.
		Install safety shower and eye bath.
	Control parameters	Not set up
	Personal protective equipment	
	Respiratory protection	Dust respirator
	Hand protection	Protective gloves
	Eye protection	Safety glasses
	Skin and body protection	Protective clothing. Protective boots, if the situation requires.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state (color/form)	Orange/hygroscopic solid
Odor	Odorless
pH	No data available
Melting point/freezing point	No data available
Boiling Point/Range	No data available
Flash Point	No data available
Explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Density	No data available
Solubility(ies)	
[Water]	Soluble
[Other solvents]	
Soluble	Dimethyl sulfoxide, Acetonitrile, Methanol

Firing point No dat	ta available
Decomposition temperature No dat	ta available
10. STABILITY AND REACTIVITY	
Stability	Stable under proper conditions.
Reactivity	None under normal processing.
Incompatible materials	Strong oxidizing agents, reducing agents
Hazardous Decomposition Products	None under normal use.
11. TOXICOLOGICAL INFORMATION	
Acute Toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available
Respiratory sensitization	No data available
Skin sensitization	No data available
Reproductive cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration hazard	No data available
12. ECOLOGICAL INFORMATION	
Ecotoxicity effects	No information available
Mobility	No information available
Biodegradation	No information available
Bioaccumulation	No information available
Hazard to the ozone layer	No information available
13. DISPOSAL CONSIDERATIONS	
Chemical materials	
• Dispose of in accordance	with local regulations.
Polluted vessels and package	
Polluted vessels and package • Dispose of in accordance	
Polluted vessels and package • Dispose of in accordance 14. TRANSPORT INFORMATION	with local regulations.
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Proper shipping name UN classification Subsidiary hazard class Packing group Environmentally Hazardous No informa Substance

No information available

15. REGULATORY INFORMATION

Not applicable

16. OTHER INFORMATION

· International Chemical Safety Card (ICSC) database in Japanese (National Institute of Health Sciences)

• This MSDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity.

- Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used.
- · Some new information or amendments may be added afterwards.
- If the products are to be used far behind the expected time of use or if you have any questions, please feel free to contact us.