

Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name	SaraFluor 650B goat anti-rat IgG
Product code	A203-01
Company name	GORYO Chemical, Inc.
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2. HAZARDS IDENTIFICATION

GHS classification

Classification of the substance or mixture

PHYSICAL HAZARDS Classification not possible

HEALTH HAZARDS

Skin corrosion/irritation Category 3

Serious eye damage/eye irritation Category 2B

ENVIRONMENTAL HAZARDS Classification not possible

Label elements

Pictograms or hazard symbols None

Signal word Warning

Hazard statements Causes mild skin irritation

Causes eye irritation

Precautionary statements

Prevention

Wash face, hands and any exposed skin thoroughly after handling

Response

Get medical advice/attention if you feel unwell

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance or Mixture	Mixture
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Chemical Name	CAS No.	Chemical Formula	Content per Vial
Sodium Chloride	7647-14-5	NaCl	0.40wt%
Potassium Chloride	7447-40-7	KCl	0.01wt%
Sodium Phosphate Dibasic	7558-79-4	Na ₂ HPO ₄	0.06wt%
Potassium Phosphate Monobasic	7778-77-0	KH ₂ PO ₄	0.01wt%
Glycerol	56-81-5	C ₃ H ₈ O ₃	50.0wt%
SaraFluor 650B goat anti-rat IgG	None	-	0.10wt%
Water	7732-18-5	H ₂ O	100 µL

4. FIRST AID MEASURES

Skin contact

- Wash off immediately with plenty of water. If symptoms persist, call a physician.

- If skin stimulates or rash appears, call a physician.

Eye contact

- Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, consult a physician.
- Take off your contact lens when wash with water.

Inhalation

- Move to fresh air. If symptoms persist, consult a physician.
- If feeling bad, call a physician.

Ingestion

- Rinse mouth and throat.
- Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Notes to physician

- Treat symptomatically.

Protection of first-aiders

- A rescuer should wear personal protective equipment, such as rubber gloves and airtight goggles.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray, Alcohol resistance, Powder, Carbon dioxide
Specifically dangerous hazards	Thermal decomposition can lead to release of irritating and toxic gases and vapors.
Extinguishing method	Fire-extinguishing work is done from the windward and the suitable 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.
Protection of fire-fighters	Use personal protective equipment as required

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

- Use personal protective equipment. Keep people away from and upwind of spill/leak.
- Remove ignition source around product.

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.
- Avoid contact with skin, eyes and clothing.
- 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.

Control parameters	Install safety shower and eye bath. 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state (color/form)	Blue/liquid
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
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data 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	<ul style="list-style-type: none"> You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Dispose of in accordance with local regulations
Polluted vessels and package	<ul style="list-style-type: none"> Wash thoroughly before disposal.

14. TRANSPORT INFORMATION

ADR/RID	Not regulated
UN number	-
Proper shipping name	
UN classification	
Subsidiary hazard class	
Packing group	
Marine pollutant	No information available

IMDG	Not regulated
UN number	-
Proper shipping name	
UN classification	
Subsidiary hazard class	
Packing group	
Marine pollutant (Sea)	No information available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

IATA	Not regulated
UN number	-
Proper shipping name	
UN classification	
Subsidiary hazard class	
Packing group	
Environmentally Hazardous 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.
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