SAFETY DATA SHEET

Section 1: Identification

1.1 Product Identifier
Product Name: **Gonochek-II Reagent Tubes**
Product Number: **13-003-25**
Company: EY Laboratories, Inc.
IUPAC name: not determined

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses: For professional use only

1.3 Details of the supplier of the safety data sheet
Company: EY Laboratories, Inc.
Address: 107 North Amphlett Blvd San Mateo, CA. 94401 USA

1.4 Emergency Telephone Number: + 1 650 3423296

Section 2: Hazard(s) Identification

2.1 Hazard Classification of substance or mixture:
Classification in accordance with the Classification Labeling and Packaging Regulation:
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Carcinogenicity (Category 1A and 1B), H350

GB CLP Regulation
Carc. 1A, 1B H350
Full text of hazard statements: see SECTION 16.

2.2 Label Elements:
Signal Word(s): Danger

Hazard Statements:
H350 May cause cancer.

Pictograms:

Precautionary Statements:
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P281 Use personal protective equipment as required.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P405 Store locked up.
P501 Dispose of contents/ container to an approved waste disposal plant.

Section 3: Composition/ Information on Ingredients

3.2 Mixtures

Red Cap treated with Fast Garnet solution.

Mixture of treated and solidified BCIG, GG and ProMNA in Tube

Chemical Name	CAS-No	Content	Classification
Fast Garnet GBC sulfate salt	101-89-3	10-11.5 ug/tube	Carcinogenicity (Category 1B), H350 GB CLP Regulation
5-Bromo-4-chloro-3-indolyl-B-D-galactoside	7240-90-6	40-60 ug/ tube	No components need to be disclosed according to the applicable regulations. EC No. 230-640-8
Gamma-glutamyl-para-nitroanilide	67953-08-6	40-60 ug/ tube	No components need to be disclosed according to the applicable regulations. EC No. 267-944-5
L-Prolyl-4-methoxynaphthylamide (ProMNA)	100930-07-2	40-60 ug/ tube	GB CLP Regulation Carc. 1A; H350

Section 4: First-Aid Measures

4.1 Description of first-aid measures

General advice
Show this material safety data sheet to the doctor in attendance.

If inhaled
After inhalation: fresh air. Call in physician.

In case of skin contact
In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.

In case of eye contact
After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

If swallowed
After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

No information available

Section 5: Fire-Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media

Dry extinguishing powder

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture

Carbon monoxide Carbon dioxide (CO2) Nitrogen oxides (NOx)

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes and clothes. Do not breathe dust/fume/gas/mist/vapours/spray. Remove persons to safety.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Cover drains.

6.3. Methods and material for containment and cleaning up

Collect spillage. Avoid dust formation.

6.4 Reference to other sections

Disposal: see section 13
Safe handling: see section 7

Section 7: Handling and Storage

7.1 Precautions for safe handling

Advice on safe handling
Work under hood. Do not inhale substance/mixture.
Hygiene measures
Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry place. Store in a closed container.
Requirements for storage rooms and vessels
Do not store together with:
Food and feeding stuffs
Hints on joint storage
Protect against:
Heat
Humidity
Further information on storage conditions

7.3. Specific end use(s)

Laboratory chemicals

Section 8: Exposure Controls/Personal Protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.

Individual protection measures, such as personal protective equipment

Eye glasses with side protection

Suitable eye protection:
goggles
Eye/face protection

Hand Protection

Wear protective gloves.
Suitable material: NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)
The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection
Protective clothing

Respiratory protection
If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.:
Self-contained respirator (breathing apparatus)
Combination filtering device

Thermal hazards
No information available.

Environmental exposure controls
Avoid release to the environment.

Section 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state: Solid
Colour: yellowish white
Odour: This information is not available.
Odour threshold: This information is not available.

Changes in the physical state
Melting point/freezing point: No data available
Boiling point or initial boiling point and No data available
boiling range:
Sublimation point: No data available
Softening point: No data available
Pour point: No data available
Flash point: No data available
No data available

Explosive properties
Lower explosion limits: No data available
Upper explosion limits: No data available
Auto-ignition temperature: No data available

Decomposition temperature: No data available
pH-Value: No data available
Viscosity / dynamic: No data available
Viscosity / kinematic: No data available
Water solubility: No data available
Partition coefficient n-octanol/water: No data available
Vapour pressure: No data available
Density: No data available
Bulk density: No data available
Relative vapour density: No data available

9.2. Other information

Information with regard to physical hazard classes
Sustaining combustion: No data available
No data available
Oxidizing properties

Other safety characteristics
Solvent content: No data available
Evaporation rate: No data available

Further Information
No data available

Section 10: Stability and Reactivity

10.1. Reactivity
No data available

10.2. Chemical stability
The substance is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions
No data available
No data available

10.4. Conditions to avoid
No data available

10.5. Incompatible materials
Thermal decomposition can lead to the escape of irritating gases and vapours. Strong oxidizing agents, Strong bases

10.6. Hazardous decomposition products
No data available

Section 11: Toxicological Information

11.1 Information on toxicological effects

Acute toxicity
Oral: No data available
Inhalation: No data available
Dermal: No data available
No data available

Skin corrosion/irritation
Remarks: No data available
Serious eye damage/eye irritation
Remarks: No data available

Respiratory or skin sensitization
No data available

Germ cell mutagenicity
No data available

Carcinogenicity
Possible human carcinogen with components Fast Garnet GBC and ProMNA. Exercise caution when working with this product because of the possible in vivo conversion with Fast Garnet GBC.

Reproductive toxicity
No data available
No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

11.2 Additional Information
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information

12.1 Toxicity
No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Endocrine disrupting properties
This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7 Other adverse effects
No data available

Further information
Avoid release to the environment.

Section 13: Disposal Considerations

13.1 Waste treatment methods

Product
Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

Section 14: Transport Information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

Further information
Not classified as dangerous in the meaning of transport regulations.

Section 15: Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information
Restrictions on use (REACH, annex XVII):
Entry 28, Entry 75
National regulatory information

15.2. Chemical safety assessment
For this substance a chemical safety assessment has not been carried out.

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Chronic Health Hazard

Section 16: Other Information

Text of H-Statements in Section 3

Hazard Statement(s):

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification - Carc. 1A
Classification procedure - H350 Calculation method

Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed.
H350 May cause cancer.
H351 Suspected of causing cancer.
H411 Toxic to aquatic life with long lasting effects.

Further Information:
The information herein is provided in good faith and is correct to the best of our knowledge but makes no representation for completeness or accuracy. The safety data sheet is intended for use only as a guide for the appropriate precautionary handling of material by trained personnel only. EY Laboratories, Inc. will not be held liable for any loses, injury or damage that may result from use.

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