SAFETY DATA SHEET

Section 1: Identification

1.1 Product Identifier
Product Name: **Strep-A-Chek™ KIt**
Product Number: **13-050–00**
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 Classification of substance or mixture:
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Carcinogenicity (Category 1A and 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.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

Section 3: Composition/ Information on Ingredients

3.2 Mixtures

Porous paper strips treated with PyrMNA in liquid. Finished product in dry format.
Fast Garnet with Glucose mixture in powder format.

Chemical Name	CAS-No	Content	Classification
Fast Garnet GBC sulfate salt **Formula** : $C_{14}H_{14}N_4O_4S$ **Molecular weight** : 334.35 g/mol **EC-No.** : 202-985-4	101-89-3	~0.5%	Classification Carc. 1B; H350 Concentration <= 100 %
Glucose **Formula** : C6H12O6 **Molecular weight** : 180.16 g/mol **EC-No.** : 200-075-1	50-99-7	~98.5%	None
Pyr-4MβNA	94102-66-6	~ 0.9mg per strip	Carc. 1A - H350 May cause cancer. Impurities and stabilising additives: 0.01% = < 4-methoxy-2-naphthylamine (CAS-No. 91-59-8) < = 0.1%

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
See section 2.2 and/or Section 11

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
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam

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
Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Further information
Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system

Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures
Advice for non-emergency personnel: Avoid generation and inhalation of dusts in all circumstances. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.
For personal protection see section 8.

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
Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully. Dispose of properly. Clean up affected area. Avoid generation of dusts.

6.4 Reference to other sections
Disposal: see section 13

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, see section 2.2. for precautions

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions
Tightly closed. Dry. Keep in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorized persons.

Storage stability / Recommended storage Temperature
Recommended storage temperature: 2 - 8 °C

Storage class
Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

7.3. Specific end use(s)
For Laboratory use only, Laboratory testing.

Section 8: Exposure Controls/Personal Protection

8.1. Control parameters

Additional advice on limit values
Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Appropriate engineering controls
Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. 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, Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

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. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Protective clothing

Respiratory protection
Required when dusts are generated
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
Do not let product enter drains.

Section 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state: powder (Tubes) , solid embedded in paper (strips)
Color: pink or light red orange (Tubes), white (strips)
Odor: This information is not available.
Odor threshold: This information is not available.

Changes in the physical state
Melting point/freezing point: No data available (Tubes), 172 degrees C (strips)
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

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

10.4. Conditions to avoid
No data available

10.5. Incompatible materials
Strong oxidizing agents, Strong bases (Tubes)

10.6. Hazardous decomposition products
In the event of fire: see section 5

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 component Fast Garnet GBC. Exercise caution when working with this product because of the possible in vivo conversion with Fast Garnet GBC.

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity
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

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

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

Hazard Statement(s):

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

Classification - Carc. 1A and 1B
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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