

MATERIAL SAFETY DATA SHEET**Product name:**

Hydrogen Peroxide Colorimetric Detection Kit

Catalog number:

KA1017

1. Composition/Information on Ingredients

Component	Size
Microwells	96 wells
Hydrogen Peroxide Standard	0.5 ml
Hydrogen Peroxide Color Reagent	11 ml

2. Hazards IdentificationKnown Hazardous ComponentsCAS NumberPercent

Ammonium Iron Sulfate:

7783-85-9

Hydrogen Peroxide Color Reagent

0.08 %

Known Hazardous ComponentsCAS NumberPercent

Sulfuric Acid:

7664-93-9

Hydrogen Peroxide Color Reagent

2.5 %

Known Hazardous ComponentsCAS NumberPercent

Xylenol Orange:

63721-83-5

Hydrogen Peroxide Color Reagent

10 %

3. First Aid Measures

First aid personnel should ensure self-protection.

General informations:

Because of the low concentrations of the ingredients seeing a doctor is not necessary.

In case of skin contact:

Flush with copious amounts of water and wash with soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician if irritation or discomfort develops.

In case of eye contact:

Flush with copious amounts of water for at least 15 minutes. Check for and remove contact lenses. Assure adequate flushing by separating the eyelids. Call a physician..

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In case of ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician or poison control.

In case of inhalation: Remove to fresh air. If breathing becomes difficult give oxygen. If breathing stops, administer artificial respiration. Call a physician.

4. Fire Fighting Measures

None of the components of this kit pose a significant risk in case of fire. Fire fighting media should be selected to suit other materials involved in the fire. It is recommended that firefighters wear protective gear and self contained breathing apparatus to limit their exposure.

5. Accidental Release Measures

Ventilate area. Shut off all sources of ignition. Wear appropriate protective gear. Wipe or pick-up materials, place in sealed container, dispose of in accordance with federal, state, and local regulations.

Wash spill site thoroughly with soap and water after material pick -up is complete.

6. Handling and Storage

This kit should be stored as recommended on the product label. All components should be kept in tightly closed containers. Refer to the Storage section of the kit insert for further information. This kit should only be handled and used by qualified , trained professionals..

7. Exposure controls/personal protection

Hands

Chemical-resistance, impervious gloves complying with an approved standard should be worn at all times when handling chemical and biological products if a risk assessment indicates this is necessary.

Eyes

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases, or dusts.

Skin

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this kit.

8. Physical and Chemical Properties

Not available.

9. Stability and Reactivity

This product is stable until the expiration date indicated on the label under the specified storage conditions. There are no
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known reactivities with these components. Refer to the kit insert for further information.

10. Toxicological Information

Not available.

11. Ecological information

Not available.

12. Disposal guidelines

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide buildup in drains.

13. Transport information

Not available.

14. Regulatory information

No single component contains a hazardous ingredient in an amount that requires identification and labeling according to EC directives.

15. Other

For research use only.

For Professional use only.

The above information is believed to be correct but does not purport to be all inclusive and shall be used as a guide. We shall not be held liable for any damage resulting from handling or contact with the above product. The burden of safe use of these materials rests solely with the user.