MATERIAL SAFTY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification: **G9 Test kit for Synthetic color in food**
Manufacture: Department of Medical Sciences Ministry of Public Health Thailand
Exported / Distributor by: ASIANMEDIC CO.,LTD.
60/3 Soi Inthamara 40, Ratchadaphisek,
Dindaeng, Bangkok 10400, Thailand.
Hotline: 669-0898-5188,
www.asianmedic.com

SECTION 2 - COMPOSITION/ INFOMRATION ON INGREDIENTS

Component:	**CAS#**
PROPYLENE GLYCOL	57-55-6

FD&C Blue #2, FD&C Red #40, FD&C Yellow #5, FD&C Green #3, FD&C Black #1

SECTION 3 - HAZARD IDENTIFICATION

APPEARANCE: Liquid
ODOR: Odorless
NFPA HAZARD CLASSIFICATIONS: Health: 1 Flammability: 1 Reactivity: 1
POTENTIAL HEALTH EFFECTS:
All ingredients contained in this product are approved for use in a regulation of the Food and Drug Administration or on the FEMA GRAS List. Based on health hazard determination of ingredients contained at a concentration of one percent or greater, this mixture may exhibit the following health hazards:
ACUTE EFFECTS

Inhalation:	Inhalation may cause respiratory irritation.
Eye:	May be irritating to eyes.
Skin:	May be irritating to skin.
Ingestion:	Does not constitute a health hazard.
PRIMARY TARGET ORGANS:	No known effect.
CHRONIC EFFECTS:	Prolonged or repeated exposure may cause allergic reaction in certain sensitive individuals.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT:	In the event of contact with eyes, Mitigate with water for at least 15 minutes; obtain medical advice immediately.
SKIN CONTACT:	Remove contaminated clothes. Wash affected area with water. If irritation persists, obtain medical advice.
INHALATION:	Remove to fresh air and seek medical attention if necessary.
INGESTION:	In the event of accidental ingestion, rinse mouth with water. Give up to one tumbler (half pint) of milk or water. Obtain medical advice immediately.

SECTION 5 - FIRE FIGHTING MEASURS

FLASHPOINT:	>98°C1>210OF
EXTINGUISHING MEDIA:	Water, Foam, Carbon dioxide (C02), Dry chemical
FIRE FIGHTING PROCEDURES:	Use standard procedures and preferred extinguishing media above.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None
HAZARDOUS COMBUSTION PRODUCTS (Released upon burning):	Carbon monoxide, Carbon dioxide, Smoke
SPECIAL PROTECTIVE EQUIPMENT:	For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

SECTION 6 - ACCIDIENT RELEASE MEASURES

LAND SPILL:	Absorb spill with inert material (e.g., cloth, sand, sawdust) and then place in suitable containers for recycling or disposal. Consult an expert on disposal of recovered material and ensure conformity to local, state, and federal disposal regulations.
WATER SPILL:	Prevent additional discharge of material, if possible to do so without hazard. Advise authorities if floating material enters a watercourse or sewer. If possible, try to contain floating material and skim from surface. Consult an expert on disposal of recovered material and ensure conformity to local, state, and federal disposal regulations.
PERSONAL PRECAUTIONS:	Wear appropriate personal protective equipment when cleaning up spills. Refer to Section 8.

SECTION 7 - HANDLING AND STORAGE

HANDLING:	Keep product away from heat and open flame. Keep container closed when not in use. See Section 8 for additional personal protection advice when handling this product.
STORAGE:	Store in a cool, dry area with adequate ventilation.
EMPTY CONTAINER WARNING:	Empty containers may retain residue (including vapors) and can be dangerous.

DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with government regulations.

SECTION 8 - EXPOSURE CONTROL/ PERSONAL PROTECTION

ENGINEERING CONTROLS:	Ventilation should be provided to control worker exposures and prevent health risk.
RESPIRATORY PROTECTION:	Respiratory protection recommended when adequate ventilation is not available. Whenever workplace conditions warrant a respirator's use, seek professional guidance prior to respirator selection and follow OSHA respirator regulations (29 CFR 1910.134).
EYE PROTECTION:	Safety glasses recommended.
SKIN PROTECTION:	Where contact is likely, wear protective gloves or clothing.
OTHER PROTECTION:	None required.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid
ODOR:	Odorless
FLASHPOINT:	> 9 8 ° C 1 > 2 1 0
DENSITY:	8.49 LB/GAL
SOLUBILITY IN WATER:	Soluble

SECTION 10 - STABILITY AND REACTIVITY

STABILITY:	Presents no significant reactivity hazard.
INCOMPATIBILITY (MATERIALS TO AVOID):	None
GENERAL HYGIENE CONSIDERATIONS:	Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or personal contact with others.
POSSIBILITY OF HAZARDOUS REACTIONS:	Avoid strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Will not occur.
CONDITIONS TO A VOID:	Extreme heat and high energy sources of ignition.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE EYE EFFECTS:	Not established.
ACUTE DERMAL EFFECTS:	Not established.
ACUTE INHALATION EFFECTS:	Not established.
ACUTE ORAL EFFECTS:	Not established.

SECTION 12 - ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

SECTION 13 - DISPOSAL CONSIDERATIONS

No specific disposal considerations are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

SECTION 14 - TRANSPORT INFORMATION

DOT Classification:	Not a DOT controlled material (Thailand).
Identification:	Not applicable.
Special Provisions for Transport:	Not applicable.

SECTION 15 - REGULATORY INFORMATION

All ingredients contained in this product are approved for use in a regulation of the Food and Drug Administration or on the FEMA GRAS List.

SECTION 16 - OTHER INFORMATION

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