

MS002444

GC PLAQUE INDICATOR +PH SOLUTION
MATERIAL SAFETY DATA SHEET

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SECTION 1 - SOURCE/IDENTITY/USE INFORMATION**DISTRIBUTOR**

GC AMERICA INC.

3737 West 127th St.

Alsip, Illinois, 60803

Telephone: 708-597-0900

Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.

Transportation Emergency No. 800-424-9300

COMMON NAME: GC PLAQUE INDICATOR +PH SOLUTION**CHEMICAL NAME:** N.A.**PRODUCT USE:** Plaque Indicator Kit is an education aid demonstrating the presence of plaque in the mouth.*The following information is provided with regard to the toxicity and hazards the pure components present in this product.***SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Pure Water	7732-18-5			80-90
Sodium hydroxide 0.1mol/L	1310-73-2			5-8
Sucrose	57-50-1			5
Additives				<1

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**BOILING POINT:** 85°C**VAPOR PRESSURE:** N/A**VAPOR DENSITY:** N/A**SOLUBILITY IN WATER:** Soluble**COEFFICIENT OF OIL/WATER DISTRIBUTION:****SPECIFIC GRAVITY:** 1 @25°C**MELTING POINT:** N/A**EVAPORATION RATE:** N.E.**ODOR THRESHOLD:** N.E.**APPEARANCE AND ODOR:** Green solution, non-special odor.**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** N/A**FLAMMABLE LIMITS:** N/A**EXTINGUISHING MEDIA:** Chemical foam, carbon dioxide and dry chemical.**SPECIAL FIRE FIGHTING PROCEDURES:** Water can be used to cool fire-exposed container and protect personnel.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None**HAZARDOUS COMBUSTION PRODUCTS:** None**SECTION 5 - REACTIVITY DATA****STABILITY:**Stable ☒Unstable ☐**POLYMERIZATION:**Will Not Occur ☒Will Occur ☐**CONDITIONS TO AVOID:** N.E.**INCOMPATIBILITY (Materials to Avoid):** None**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION**

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER		X						



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SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continuedROUTES OF ENTRY: Inhalation ☒ Skin ☒ Ingestion ☒

HEALTH HAZARD (Acute and Chronic): N.E.

INHALATION: No hazardous effect known.**INGESTION:** No hazardous effect known.**EYES:** May cause slight irritation.**SKIN:** No hazardous effect known.**EMERGENCY FIRST AID PROCEDURES:****INHALATION:** Supply fresh air and give medical attention if necessary.**EYE CONTACT:** Flush eyes with plenty of water. If irritation develops, get medical attention.**SKIN CONTACT:** Wash with soap and water.**INGESTION:** Do not induce vomiting. Give plenty of water and give medical attention of necessary.**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****IN CASE OF RELEASE OR SPILL:** Absorb with inert material, transfer to container for disposal. Wash area with detergent and water.**WASTE DISPOSAL METHOD:** In accordance with local, state and federal regulations.**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Avoid sunlight and store in a cool, dry place. Keep container closed when not in use.**SECTION 8 - CONTROL MEASURES****RESPIRATORY PROTECTION:** Not required.**VENTILATION:** Local Exhaust: ☒ Mechanical: ☐ Special: ☐ Other: ☐**PROTECTIVE GLOVES:** Use of protective gloves is recommended.**EYE PROTECTION:** Use of goggles or full face shield is recommended.**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:****WORK/HYGIENIC PRACTICE:** Observe good hygienic work practices.**SECTION 9 - PREPARATION INFORMATION***This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910.1200 and W.H.M.I.S. CPR.***DATE:** 14 July 2008**REVIEWED:** 28 February 2012**N.A. = NOT APPLICABLE**
N.E. = NOT ESTABLISHED*The information herein is given in good faith but no warranty expressed or implied is made.*

FIRE –

TOXICITY –

NFPA

REACTIVITY –

SPECIAL –