

BENEDICT'S REAGENT QUALITATIVE FOR DETECTION OF SUGAR IN URINE

PRODUCT CODE	808810
SYNONYMS	--
C.I. NO.	--
CASR NO.	--
ATOMIC ORMOLECULAR FORMULA	--
ATOMIC ORMOLECULAR WEIGHT	--
PROPERTIES	--

PARAMETER	LIMIT
Description	A clear blue coloured liquid.
Solubility	Miscible with water.
Sensitivity test	Passes the test
	Negative Ative Glucose : Blue
	0.5% " : Green
	1.0% " : Yellow
	1.5% " : Brownish yellow
	Over 2.0% " : Brick red

For detection of sugar in urine : Place 5 ml of Benedict's qualitative reagent in a test tube. Add 8 drops (0.5 ml) of urine. Boil over a flame for 3 minutes, cool. You may now find that the contents of the tube have become turbid due to a precipitate, which may range from green to brick red in colour, depending on the amount of sugar present in the urine. If no sugar is present, the solution will remain clear or show a faint turbidity. (NOTE : Streptomycin in concentrations above 200 mcg/ml in the urine gives a positive test for Benedict's solution. Consult your doctor if you are treated with Streptomycin).
Benedict's test for sugar in urine.
This solution is not intended for quantitative testing.

Note(s) : Assay (if applicable) method mentioned.

<p>HAZARD WARNING Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.</p> <p>PRECAUTIONARY STATEMENTS Prevention :Avoid breathing dust/ fume/ gas/ mist/ vapours / spray. Wash ... thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before re- use. Wash contaminated clothing before reuse. Collect spillage.</p> <p>Disposal : The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.</p>	<p>IMDG Code : 9/III UN No. : 3082 IATA : 9</p>
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Hazard Pictogram(s) :	 
	GHS07 GHS09

Replace Date 21-Dec.-2018