

N-CETYL-N,N,N-TRIMETHYL AMMONIUM BROMIDE FOR MOLECULAR BIOLOGY

PRODUCT CODE	921160
SYNONYMS	(CTAB)
C.I. NO.	N/A
CASR NO.	57-09-0
ATOMIC OR MOLECULAR FORMULA	C₁₉H₄₂BrN
ATOMIC OR MOLECULAR WEIGHT	364.45
PROPERTIES	Store Below 30^oC

PARAMETER	LIMIT
Description	White crystals or powder.
Solubility	33.3 mg soluble in 1 mL of methanol.
Minimum Assay (NT/AT, on anhydrous basis)	99.00%
pH (0.1 M in water at 25°C)	5.00 - 7.00
Melting range	237 - 243°C

MAXIMUM LIMIT OF IMPURITIES	
Water (K.F.)	1.00%
DNases, RNases	None detected.

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

<p>WARNING HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Causes mild skin irritation. Causes eye 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. 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. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re-use.</p> <p>Disposal: The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.</p>	<p>IMDG Code : 9 / III UN No. : 3077 IATA : 9</p>
---	---

Hazard Pictogram(s) :



GHS05



GHS07



GHS09

Replace date 19-May-21