



## Product Specification

### NITRO B.T. FOR MICROSCOPY AND FOR MOLECULAR BIOLOGY

PRODUCT CODE	970100
SYNONYMS	[Nitro blue tetrazolium chloride AR (M.S.) ]
C.I. NO.	--
CASR NO.	(298-83-9)
ATOMIC OR MOLECULAR FORMULA	$C_{40}H_{30}Cl_2N_{10}O_6$
ATOMIC OR MOLECULAR WEIGHT	817.67
PROPERTIES	--



PARAMETER	LIMIT
Description	Yellow powder.
Solubility	2% solution in methanol is clear dark yellow solution.
Identification (FTIR)	Conforms.
Minimum Assay (Argentometric; ex Cl; anhydrous)	95.0%
Absorption maximum (in methanol)	About 260 nm
Suitability for microscopy	To pass the test.

#### MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 105°C)	10.0%
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**Note(s):** 1] Assay (if applicable) method mentioned.  
2] storage 0.8°C

#### DANGER

**Hazard statements** : Harmful if swallowed May cause allergic or asthmatic symptoms or breathing difficulties if inhaled May cause allergic skin reaction

#### Precautionary statements

**Prevention** : Avoid breathing dust/fume/gas/mist/vapours/spray. In case of inadequate ventilation wear respiratory protection. Contaminated clothing should not be allowed out of the workplace. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

**Response** : IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If skin irritation or rash occurs, seek medical advice/attention. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse.

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

IMDG Code :  
UN No. :  
IATA :

Hazard Pictogram(s) :



Skin irritation Aspiration hazard