



Product Specification

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TETRAHEPTYL AMMONIUM BROMIDE AR		
PRODUCT CODE	657745	
SYNONYMS		
C.I. NO.		
CASR NO.	(4368-51-8)	
ATOMIC OR MOLECULAR FORMULA	C ₂₈ H ₆₀ NBr	Br $CH_2(CH_2)_5CH_3$
ATOMIC OR MOLECULAR WEIGHT	490.70	$\begin{array}{c} {\sf Br}^- {\sf CH}_2({\sf CH}_2)_5{\sf CH}_3\\ {\sf CH}_3({\sf CH}_2)_5{\sf CH}_2-\overset{{\sf N}^+-}{{\sf CH}_2}({\sf CH}_2)_5{\sf CH}_3\\ {\sf CH}_2({\sf CH}_2)_5{\sf CH}_3\end{array}$
PROPERTIES		0.12(0.12)50.13
PARAMETER	LIMIT	
Description	White to faint red powder/crystals/flakes.	
Solubility	Soluble in methanol.	
Minimum Assay	99.0%	
Melting range	87 – 92 ⁰ C	
рН (4% aq. Soln.)	5.5 – 7.5	
MAXIMUM LIMIT OF IMPURITIES		
Water (by KF)	0.5%	
Note(s) : Assay (if applicable) method mentioned.		
WARNINGIMDG Code :Hazard statements :May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.UN No. :Precautionary statementsIATA :Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors orIATA :in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.IMDG Code :Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: RinseIATA :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. If eye irritation persists: Get medical advice/attention.IMDG Code :		
•	water and allow it to run to waste, diluting with large que transferred to heavy metal waste drums for collection l	•

Replace Date 27.Dec.-2019