

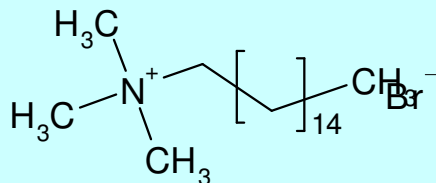


SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\IPS\20391XPS.xls
PRODUCT CODE	20391
PRODUCT NAME	CETYLTRIMETHYL AMMONIUM BROMIDE AR
SYNONYMS	(Hexadecyltrimethyl ammonium bromide)
C.I. NO.	--
CASR NO.	(57-09-0)
ATOMIC OR MOLECULAR FORMULA	C ₁₉ H ₄₂ BrN
ATOMIC OR MOLECULAR WEIGHT	364.46
PROPERTIES	Soluble in water, alcohol and chloroform.



PARAMETER	LIMIT
Description	White powder.
Solubility	10% solution in 96% ethanol is clear.
Minimum Assay (Iodometric, on dried sub.)	99.00%
Identification (FTIR)	Conforms.
Melting range (Dec)	248 – 253 °C
Sulphated ash	Max. 0.1%
Loss on drying (at 105 °C)	Max. 1.0%
MAXIMUM LIMIT OF IMPURITIES	
Heavy metals (Pb)	0.001%
Iron (Fe)	0.001%
Cetyldimethylamine (TLC)	0.5%

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

DANGER

Hazard statements: Harmful if swallowed. May cause allergic skin reaction. May damage the unborn child. May be corrosive to metals. Causes severe skin burns and eye damage. Very toxic to aquatic life.

Precautionary statements

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. 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. Use personal protective equipment as required..

Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove 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. IF exposed or concerned: Get medical advice/ attention. Immediately call a POISON CENTER or doctor/physician. Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Collect spillage.

IMDG Code : 9/III
UN No. : 3077
IATA : 9

Disposal: ---

Hazard Pictogram(s) :



Aspiration hazard



Corrosive to metals



Aquatic environment

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 01

Sign. :	Sign. :	Sign. :	Revision dt. :02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. :1554

