



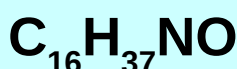
SDFCL
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Quality Control Dept.

Product Specification

E Control	QC2\DATAD\ID\PSI20892XPS.xls
PRODUCT CODE	20892
PRODUCT NAME	TETRA-N-BUTYL AMMONIUM HYDROXIDE 20% SOLUTION IN METHANOL AR
SYNONYMS	--
C.I. NO.	--
CASR NO.	(2052-49-5)
ATOMIC OR MOLECULAR FORMULA	C ₁₆ H ₃₇ NO
ATOMIC OR MOLECULAR WEIGHT	259.48
PROPERTIES	--



PARAMETER	LIMIT
Description	A clear liquid colour not more than 25 HU.
Solubility	Miscible with water.
Assay (Acidimetric)	19.5 – 21%
Wt./ml at 20°C	About 0.820 g
Residue on ignition	Max.0.05%
MAXIMUM LIMIT OF IMPURITIES	
Halide (as Br)	0.05%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Silver (Ag)	0.001%
Sodium	0.05%

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

DANGER HAZARD STATEMENT : Highly flammable liquid and vapour. May be corrosive to metals. Toxic if swallowed. May be fatal if swallowed and enters airways. Toxic in contact with skin. Causes severe skin burns and eye damage Causes serious eye damage. Fatal if inhaled. Causes damage to organs. Toxic to aquatic life

IMDG Code : 3/II
UN No. : 2924
IATA : 3

PRECAUTIONARY STATEMENTS

Prevention : Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Keep only in original container. Ground/bond container and receiving equipment. Use explosion- proof electrical/ventilating/lighting/ ... /equipment. Use only non- sparking tools. Take precautionary measures against static discharge. Do not breathe 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. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
Wear respiratory protection.

Response : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. 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 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. IF exposed: Call a POISON CENTER or doctor/physician. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment is urgent (see MSDS). Rinse mouth. Do NOT induce vomiting. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

Disposal: The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. If the volumes are larger than 500ml and no indinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company.

Hazard Pictogram(s) :



Flammable



Acute toxicity



Aspiration hazard



Corrosive to metals

Prepared By :	Checked By:	Approved By:	Issue Date : 07.12.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 11.05.2015

Date : 02.05.2015	Date : 02.05.2015	Date : 11.05.2015	AMEND NO.: 1686
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