SDFCL

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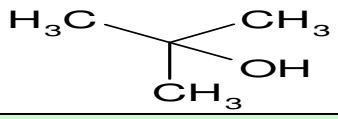
Quality Control Dept.

Product Specification

E Control	QC2\DATAD\D:\PS\20358XPS.xls
PRODUCT CODE	20358
PRODUCT NAME	2-METHYLPROPAN-2-OL AR
SYNONYMS	tert butyl alcohol
C.I. NO.	N/A
CASR NO.	75-65-0
ATOMIC OR MOLECULAR FORMULA	$(CH_3)_3COH$
ATOMIC OR MOLECULAR WEIGHT	74.12
PROPERTIES	



PARAMETER	LIMIT
Description	A clear liquid, not more than 10 Hazen units in colour.
Solubility	Miscible with water and methanol forming clear and colourless solution.
Minimum assay(By GC)	99.0%
Wt.per ml at 30°C	About 0.775 g
Boiling Range (82 - 83°C)	Min. 95.0%
Freezing Point	Not less than 25°C
Refractive Index $(n)_D^{20}$	1.384 - 1.386
	MAXIMUM LIMIT OF IMPURITIES
Water	0.1%
Acidity (CH_3COOH)	0.003%
Non volatile matter	0.001%
Aldehydes & Ketones (C_3H_7CHO)	0.01%
Butan-2-ol ($C_4H_9(OH)$	0.2%
Copper (Cu)	0.00005%
Iron (Fe)	0.00005%
Lead (Pb)	0.00005%

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

DANGER

HAZARD STATEMENTS : May cause drowsiness and dizziness. Highly flammable liquid and vapour. Harmful if inhaled. Harmful if swallowed. Causes mild skin irritation. May cause allergic skin reaction. May damage the unborn child.

PRECAUTIONARY STATEMENTS :

Prevention : Ground/bond container and receiving equipment. Do not eat, drink or smoke when using this product. Contaminated clothing should not be allowed out of the workplace. Use only outdoors or in a well ventilated area. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Use personal protective equipment as required. Keep container tightly closed. Keep away from heat/sparks/open flame - No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Wear protective gloves and eye/face protection. Use explosion-proof electrical/ventilating/lighting/equipment.

IMDG Code : 3/II
UN No. : 1120
IATA : 3

Response : Wash contaminated clothing before reuse. If skin irritation or rash occurs, seek medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. In case of fire, use alcohol-type foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. If exposed or concerned: Get medical attention advice. Specific treatment: refer to Label or MSDS. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal : ---

Hazard pictogram (s) :

Skin irritation **Flammable liquids** **Aspiration hazard**

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
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