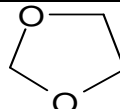




Product Specification

E Control	QC2\DATAD\DA\PS\20851XPS.xls
PRODUCT CODE	20851
PRODUCT NAME	1,3-DIOXOLANE AR
SYNONYMS	Ethylene glycol methylene ether; Ethylene glycol formal
C.I. NO.	N/A
CASR NO.	646-06-0
ATOMIC OR MOLECULAR FORMULA	C ₃ H ₆ O ₂
ATOMIC OR MOLECULAR WEIGHT	74.08
PROPERTIES	



PARAMETER	LIMIT
Description	Clear and colourless water white liquid.
Solubility	Soluble in water.
Minimum assay(By GC)	99.8%
Wt. per ml at 20°C	1.064 - 1.066 g
Refractive Index(n) _D ²⁰	About 1.401
MAXIMUM LIMIT OF IMPURITIES	
Peroxide	0.005%
Methanol (GLC)	0.01%
Water	0.05%

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

DANGER

HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Harmful if inhaled. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

PRECAUTIONARY STATEMENTS :

Prevention : Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wash hands thoroughly after handling. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Wear protective gloves and eye/face protection.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If eye irritation persists, get medical advice/attention. Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal : ---

IMDG Code : 3/II
UN No. : 1166 IATA
: 3

Hazard pictogram(s) :



Skin irritation



Flammable liquids

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	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. : 16/08/2010
Date : 13/08/2010	Date : 13/08/2010	Date : 16/08/2010	AMEND NO. : P062