

ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals,
Diagnostic Kit & Lab wares

DIETHYLENE GLYCOL AR

PRODUCT CODE	R04553
SYNONYMS	DigolN/A
C.I.	111-46-6
NO.	(HOCH ₂ CH ₂) ₂ O106.12
CASR	
NO.	Extremely hygroscopic, Combustible.
ATOMIC OR MOLECULAR	
FORMULAATOMIC OR	
MOLECULAR WEIGHT	

PROPERTIES

PARAMETER	LIMIT
Description	A clear viscous liquid, colour not more than 10 Hazen units.
Solubility	Miscible with water forming clear and colourless solution.
Minimum assay(By GC)	99.0%
Wt.per ml at 20°C	1.115 - 1.117 g
Freezing point	Min. - 9°C
Refractive Index(n _D ²⁰)	1.446 - 1.447

MAXIMUM LIMIT OF IMPURITIES

Water	0.2%
Sulphated ash	0.01%
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. Harmful if swallowed. Causes mild skin irritation. Causes eye irritation. May damage the unborn child.

PRECAUTIONARY STATEMENTS :

Prevention :Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Response :If eye irritation persists, get medical advice/attention. If exposed or concerned: Get medical attention advice. If skin irritation occurs, seek medical advice/attention. Specific treatment: refer to Label or MSDS. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Disposal :Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :

IMDG Code :
UN No. :
IATA :

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