



Product Specification

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NITRO METHANE AR/ACS

PRODUCT CODE	596335	
SYNONYMS	Nitrocarbol, Nitroparaffin	
C.I. NO.	--	
CASR NO.	75-52-5	
ATOMIC OR MOLECULAR FORMULA	CH₃NO₂	H₃C—NO₂
ATOMIC OR MOLECULAR WEIGHT	61.04	

PROPERTIES	--
PARAMETER	LIMIT
Description	Clear colourless to pale yellow liquid.
Solubility	Soluble in water.
Minimum assay (GC)	98.0%
Wt. per ml at 20°C	1.132-1.133 g
Refractive index (n) ²⁰ _D	1.381-1.382
Boiling range	100-101°C

MAXIMUM LIMIT OF IMPURITY	
Water (KF)	0.3%

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

DANGER HAZARD STATEMENTS: May cause drowsiness and dizziness. Highly flammable liquid and vapour. Harmful if swallowed. PRECAUTIONARY STATEMENTS : Prevention: Use only non-sparking tools. Take precautionary measures against static discharge Ground/bond container and receiving equipment. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection. Response: Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction. Disposal: The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	IMDG Code : 3/II UN No. : 1261 IATA : 3
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Replace Date 17-03-2020