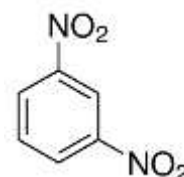


M-DINITRO BENZENE FOR SYNTHESIS

PRODUCT CODE	028224
SYNONYMS	1,3-Dinitrobenzene
C.I. NO.	--
CASR NO.	(99-65-0)
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₄ N ₂ O ₄
ATOMIC OR MOLECULAR WEIGHT	168.11
PROPERTIES	Sparingly soluble in benzene, slightly soluble in water.



PARAMETER	LIMIT
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Description	Pale yellow or yellow needles/ crystals / crystalline powder / Flakes
Solubility	5% solution in warm ethanol is clear and yellow.
Minimum Assay (GC on anhydrous basis)	97.0%
Melting point	89-90°C

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0.5%
Water (KF)	10.0%

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

DANGER

Hazard statements: Fatal in contact with skin. Fatal if inhaled. Fatal if swallowed. Suspected of damaging fertility. Very toxic to aquatic life with long lasting effects

Precautionary statements

Prevention: Wear protective gloves/clothing. Obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling.

Response: If exposed or concerned: Get medical attention advice. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Immediately call a POISONCENTER or doctor/physician. Get medical advice/attention if you feel unwell. Specific treatment: refer to Label or MSDS. Remove/Take off immediately all contaminated clothing IF ON SKIN: Gently wash with plenty of soap and water.

Disposal: Dispose of contents and container in accordance with relevant legislation

IMDG Code : 6.1/II
UN No. : 3443
IATA : 6.1

Hazard Pictogram(s) :



GHS06



GHS08



GHS09

Replace Date 11-Nov-2025