

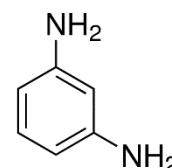


Product Specification

cdhfinechemical.com

M-PHENYLENE DIAMINE FOR SYNTHESIS

PRODUCT CODE	188305
SYNONYMS	(1,3-Phenylenediamine)
C.I. NO.	--
CASR NO.	(108-45-2)
ATOMIC OR MOLECULAR FORMULA	C₆H₈N₂
ATOMIC OR MOLECULAR WEIGHT	108.14
PROPERTIES	Colourless needles becoming red in air. Usually in the form of stable hydrochloride.



PARAMETER	LIMIT
Description	Dark brown or grey pelleted solid.
Solubility	10% solution in water is clear and bright.
Minimum assay(Non-aqueous)	98.0%
Melting Point	61° - 64°C

MAXIMUM LIMIT OF IMPURITY

Sulphated Ash	0.1%
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Note(s) : Assay (if applicable) method mentioned.

DANGER

Hazard statements: Fatal if inhaled. Toxic if swallowed. Harmful in contact with skin. May cause CANCER. May damage fertility. May damage the unborn child. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Harmful to life in the soil

Precautionary statements

Prevention: Wear respiratory protection. 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. Wash hands thoroughly after handling. 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.

Response: If exposed or concerned: Get medical attention advice. Wash contaminated clothing before reuse.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Specific treatment: refer to Label or MSDS. **IF SWALLOWED:** Immediately call a POISON CENTER or doctor/physician. Get medical advice/attention if you feel unwell. **IF ON SKIN:** Gently wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell.

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

IMDG Code : 6.1/II

UN No. : 1673

IATA : 6.1

Hazard Pictogram(s) :-



GHS06



GHS08



GHS09

REPLACE Date 27-May-2023