

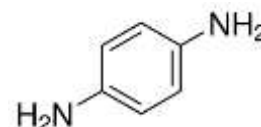


Product Specification

cdhfinechemical.com

p-PHENYLENE DIAMINE FOR SYNTHESIS

PRODUCT CODE	029500
SYNONYMS	(1,4-Phenylenediamine) , (1,4-Diaminobenzene)
C.I. NO.	--
CASR NO.	(106-50-3)
ATOMIC OR MOLECULAR FORMULA	C₆H₈N₂
ATOMIC OR MOLECULAR WEIGHT	108.14
PROPERTIES	Oxidizes in standing in air to purple and black, Combustible.



PARAMETER	LIMIT
Description	White to grey to brown powder or lumps.
Solubility	Soluble in Alcohol, Ether and Chloroform.
Minimum assay (GC)	98.0%
Melting Point	139° - 143°C

MAXIMUM LIMIT OF IMPURITY

Sulphated Ash	0.05%
---------------	-------

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

DANGER

Hazard statements : Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes mild skin irritation. Causes serious eye irritation. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. Very toxic to aquatic life with long lasting effects

Precautionary statements

Prevention : In case of inadequate ventilation wear respiratory protection. Do not breathe dust/fume/gas/mist/vapours/ spray. Avoid breathing dust/fume /gas/mist/vapours/spray. Wear protective gloves/clothing Do not eat, drink or smoke when using this product. Contaminated clothing should not be allowed out of the workplace. Use only outdoors or in a well ventilated area. Wash hands thoroughly after handling.

Response : Wash contaminated clothing before reuse. Keep container tightly closed. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. If skin irritation or rash occurs, seek medical advice/attention. If skin irritation occurs, seek medical advice/ attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Remove/ Take off immediately all contaminated clothing IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse.

Disposal: Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amount of water .Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off.

IMDG Code	: 6.1/III
UN No.	: 1673
IATA	: 6.1

Hazard Pictogram(s) :



GHS06



GHS08



GHS09

Replace date 10-June-2026