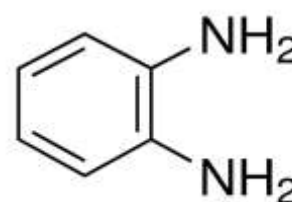


O-PHENYLENE DIAMINE FOR SYNTHESIS

PRODUCT CODE	029497
SYNONYMS	(1,2-Benzenediamine) , (1,2-Diaminobenzene)
C.I. NO.	--
CASR NO.	(95-54-5)
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₄ (NH ₂) ₂
ATOMIC OR MOLECULAR WEIGHT	108.14
PROPERTIES	Soluble in alcohol, ether and chloroform.



PARAMETER	LIMIT
Description	White to brown yellow flakes / crystalline powder.
Solubility	5 % solution in chloroform is clear and complete.
Minimum Assay (GC)	99.0%
Melting Point	101°- 103°C

MAXIMUM LIMIT OF IMPURITY

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

DANGER

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

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray.Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. In case of inadequate ventilation wear respiratory protection. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Contaminated clothing should not be allowed out of the workplace. 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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.Wear eye/face protection. If skin irritation or rash occurs, seek medical advice/ attention.If exposed or concerned: Get medical attention advice.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 ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wash contaminated clothing before reuse.Specific treatment: refer to Label or MSDS.IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

IMDG Code : 6.1/III

UN No. : 1673

IATA : 6.1

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.

Hazard Pictogram(s) :



GHS06



GHS08



GHS09

Replace Date 14-Jan-2023