



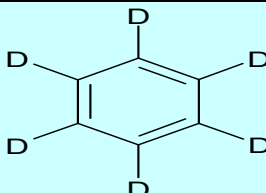
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Quality Control Dept.



(Product Specification

E Control	QC2\DATAD\ID\PS\24025XPS.xls
PRODUCT CODE	24025
PRODUCT NAME	BENZENE-d6 99.5% (FOR NMR SPECTROSCOPY)
SYNONYMS	(Hexadeuterobenzene)
C.I. NO.	--
CASR NO.	(1076-43-3)
ATOMIC OR MOLECULAR FORMULA	C ₆ D ₆
ATOMIC OR MOLECULAR WEIGHT	84.15
PROPERTIES	Hygroscopic



PARAMETER	LIMIT
Description	Clear, colourless liquid.
Deuteration degree	Min. 99.5%
¹ H NMR for Chemical purity	Passes test
¹ H NMR for protic water content	Max. 0.01%
Water (KF) (H ₂ O+D ₂ O)	Max. 0.1%
MAXIMUM LIMIT OF IMPURITIES	

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

DANGER

Hazard statements: May cause drowsiness and dizziness. Highly flammable liquid and vapour. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause genetic defects. May cause CANCER. Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use explosion-proof electrical/ventilating/lighting/equipment Wear protective gloves and eye/face protection. Keep container tightly closed. Take precautionary measures against static discharge Keep away from heat/sparks/open flame - No smoking. Use only non-sparking tools.

Response: If skin irritation occurs, seek medical advice/attention. IF SWALLOWED:

Rinse mouth. Do NOT induce vomiting. 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 exposed or concerned: Get medical attention advice. Get medical advice/attention if you feel unwell. If eye irritation persists, get medical advice/attention. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing 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. IF ON SKIN: Gently wash with plenty of soap and water.

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

Hazard Pictogram(s) :



Skin irritation



Flammable



Aspiration hazard

Prepared By :	Checked By:	Approved By:	Issue Date : 18.07.2007
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 01
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