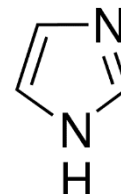


IMIDAZOLE AR/ACS

PRODUCT CODE	546015
SYNONYMS	1,3-Diaza-2,4-cyclopentadiene; Glyoxaline
C.I. NO.	--
CASR NO.	(288-32-4)
ATOMIC OR MOLECULAR FORMULA	C₃H₄N₂
ATOMIC OR MOLECULAR WEIGHT	68.08
PROPERTIES	Freely soluble in water, alcohol, ether, chloroform, pyridine; slightly soluble in benzene.



PARAMETER	LIMIT
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Description	White to pale yellow crystalline powder / flakes.
Solubility	1 M solution in water is complete and clear.
Identification (by FTIR)	Conforms
Minimum Assay(by Acidimetric)	99.5%
pH of (1 M soln in water, at 25°C)	9.5 - 11.0
Melting Point	89° - 91°C

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0.1%
Water (by KF)	0.2%
Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.005%
Calcium (Ca)	0.001%
Copper (Cu)	0.0005%
Iron (Fe)	0.0001%
Lead (Pb)	0.0005%

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

WARNING

Hazard statements : May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May be corrosive to metals

Precautionary statements

Prevention: Keep only in original container. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Absorb spillage to prevent material damage.

Disposal: Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large volumes of running water.

IMDG Code : 8/III
UN No. : 3263
IATA : 8

Hazard Pictogram(s) :



GHS05



GHS07



GHS08

Replace Date 27-06-2020