

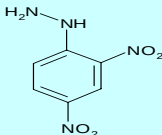


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Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID:IPSI\20099XPS.xls		
PRODUCT CODE	20099		
PRODUCT NAME	2,4-DINITROPHENYL HYDRAZINE AR (Stabilized with about 33% water) (Reagent for determination of aldehydes & ketones)		
SYNONYMS	-		
C.I. NO.	-		
CASR NO.	(119-26-6)		
ATOMIC OR MOLECULAR FORMULA	(NO ₂) ₂ C ₆ H ₃ NHNH ₂		
ATOMIC OR MOLECULAR WEIGHT	198.14		
PROPERTIES	Severe explosion and fire risk.		
			
PARAMETER	LIMIT		
Description	Red crystals/orange red crystalline powder.		
Solubility	1.0 gm in 20 ml sulphuric acid & 20 ml water at 60°C, the solution is clear & free from tarry matter.		
Identification (By FTIR)	Conforms.		
Minimum Assay (By HPLC)	99.0%		
Melting Point (with decomposition)	198° - 203°C		
Sulphated ash	Max.0.05%		
MAXIMUM LIMIT OF IMPURITIES			
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33% by weight of water is added to ensure safety in transit.			
Note(s) : 1] Assay (if applicable) method mentioned.			2]
The specification and tests apply to the dry substance.			
HAZARD DANGER Flammable solid. Harmful if swallowed. Harmful in contact with skin.May cause an allergic skin reaction. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inha led. May cause damage to organs through prolonged or repeated exposure.Harmful to aquatic life .PRECAUTIONARY STATEMENTS Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion- proof electrical/ventilating/lighting equipment Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection. Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable.for breathing. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest.in a position comfortable for breathing. Call a POISON CENTER or doctor/hvhsician if you feel unwell Get medical advice/attention if Specific treatment: refer to Label or MSDS.IF ON SKIN: Gently wash with plenty of soap and water.			IMDG Code : 4.1/I UN No. : 3380 IATA : 4.1
Disposal: The chemical waste should be collected by specialized disposal company. The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber. Keep the product wet.			
Hazard Pictogram(s) :  Flammable  Aspiration hazard			
Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 04
Sign. : Date : 14.03.2015	Sign. : Date : 14.03.2015	Sign. : Date : 25.03.2015	Revision dt. : 25.03.2015 AMEND NO. : 1673