



2,4-DINITRO PHENYL HYDRAZINE

PRODUCT CODE	R03043	
SYNONYMS	-	
C.I. NO.	-	
CASR NO.	119-26-6	
ATOMIC OR MOLECULARFORMULA	(NO ₂) ₂ C ₆ H ₃ NHNH ₂	
ATOMIC OR MOLECULARWEIGHT	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.	
Minimum assay (By HPLC)	98.0%	
Melting range (with decomposition)	198°- 203°C	
MAXIMUM LIMIT OF IMPURITY		
Sulphated ash	0.1%	
33% by weight of water is added to ensure safety in transit		
Note(s) : 1] Assay (if applicable) method mentioned.		
WARNING		IMDG Code : 4.1/I
HAZARD STATEMENTS : May cause respiratory irritation. Flammable liquid and vapour. Harmful if swallowed. Causes mild skin irritation. Causes eye irritation.		UN No. 3380
PRECAUTIONARY STATEMENTS :		IATA : 4.1
Prevention : Ground/bond container and receiving equipment. Use only nonsparking tools. Take precautionary Measures against static discharge. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Wear protective gloves and eye/face protection.		
Response : If eye irritation persists, get medical advice/attention. 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. 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.		
Disposal : Allow to evaporate in safe open area (applicable for small quantities). The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company.		
Hazard Pictogram(s) :		
<p>GHS07 GHS02</p>		

Replace Date 1 April 2023

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