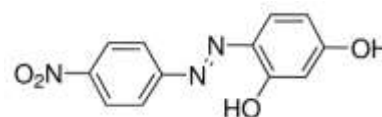


MAGNESON I AR

SENSITIVITY:DETECTS 1 ppm Mg

PRODUCT CODE	568505
SYNONYMS	4-(4-Nitrophenylazo)-Resorcinol
C.I. NO.	--
CASR NO.	(74-39-5)
ATOMIC OR MOLECULAR FORMULA	C ₁₂ H ₉ N ₃ O ₄
ATOMIC OR MOLECULAR WEIGHT	259.22
PROPERTIES	Practically insoluble in water. Soluble in dilute aq NaOH



PARAMETER	LIMIT
Description	Red to orange to brown crystals or powder
Solubility	20 ppm in dioxane yields clear orange or red-orange solution

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 110°C, 2hr)	<= 8.00%
Absorption maxima (5 ppm in methanol + 1 mL 0.1N NaOH)	439 - 445 nm

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

WARNING Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.	IMDG Code : -- UN No. : -- IATA : --
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Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :



GHS07

Replace date 08-Nov-2025