

HYDRAZINE HYDRATE 24%

HIDRATO DE HIDRAZINA 24% AK

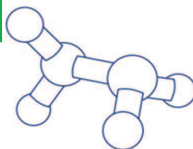
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Distribuido por:

Quimidroga, s.a.

Tuset, 26 - 08006 BARCELONA
Telf. +34 93 236 36 36 *



Composition

Chemical Formula

H₂N - NH₂.H₂O

CAS Nr

7803-57-8

Reach Registration Nr

01-2119492624-31-0004

EINECS Nr

206-114-9

ARKEMA PRODUCT CODE

14091-00

Technical Specifications

SPECIFICATION	UNIT	VALUE	ANALYSIS METHOD
Assay	% weight	24 +/- 0,5	LABO/3/07 (Acidimetry)
Hydrazine content	% weight	15,4+/- 0,4	LABO/3/07 (Acidimetry)
Chlorine -content	ppm	≤ 0.5	LABO/3/187 (Ionic chromatography)
Sulphate content	ppm	≤ 0.5	LABO/3/187 (Ionic chromatography)
Inorganic residue	ppm	≤ 20	LABO/3/05 (calcination)
Sodium content	ppm	≤ 0.5	LABO/3/03 (spectrometry)
Iron content	ppm	≤ 0.5	LABO/3/03 (spectrometry)

Main properties

PHYSICAL DATA	UNIT	VALUE
Boiling point (1 ATM)	%	102 to104
Freezing point	hPa	-24 to -12
Vapor pressure at 20 ° C	° C	15 to 20
Density at 20 ° C	Kg/l	1,010 to 1,020
pH in Water solution 1%		10,6 to 10,7
Water solubility		Completely soluble at 20 ° C
Appearance		Colourless to slightly colored liquid

Packaging

- Bulk by Isotank
- PE Drums: 25kg, 30kg & 200 kg

All plastic packaging can be equipped with STS (safety transfer system) for safe handling of the product

Main applications

- Waste water and effluent treatment
- Combatting steam boiler corrosion

Safety and Storage

- Hydrazine hydrate must be stored in a cool, well-ventilated place ambient temperature.
- Please refer to the corresponding ARKEMA Safety Data before any use.
- **Product Shelf Life:** maximum 24 months from the production date, if stored as prescribed in the Safety Data Sheet

Transport Informations

Regulation	UN nr.	Shipping Name	Class	Label	PG	Environmental hazardous
ADR	3293	Hydrazine, Aqueous solution	6.1	6.1	III	Yes
ADNR	3293	Hydrazine, Aqueous solution	6.1	6.1	III	Yes
RID	3293	Hydrazine, Aqueous solution	6.1	6.1	III	Yes
IATA Cargo	3293	Hydrazine, Aqueous solution	6.1	6.1	III	Yes
IMDG	3293	Hydrazine, Aqueous solution	6.1	6.1	III	Marine pollutant

Production Site.

The production site is located in Lannemezan (France)

The plant is certified:

- **ISO 9001/ 14001 / 45001/ 50001**
- **Seveso class 3 high level**

For more information, please refer to our website

<http://www.arkema.com/en/products/>

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