

Adipic acid dihydrazide

Hexanedioic acid dihydrazide, adipic dihydrazide, adipodihydrazide, adipinsäuredihydrazid

Product Technical Data Sheet

CAS Number	1071-93-8
EINECS	213-999-5
TSCA	Listed
Formula	C ₆ H ₁₄ N ₄ O ₂
Mol Weight	174,2

Physical Properties

Appearance	White odourless powder
Melting point, °C.	180,5-183
Bulk density, kg/m ³	700-750
Solubility in water	50 g/l
Flash point, deg °C.	>150
Ignition temperature, deg °C.	360
pH value at 10g/l, 20°C	9,5

Specification

Property	Limits	Test method
Purity, % min	99,5	Titration with Br ₂
Dry Assay, wt % min	99.7	TROWA 100
Methanol, % max	0,1	GC.
Moisture, % max	0,1	Dean & Stark
Hydrazine, ppm max	40	Photometric; GC
Solubility in water, 12% @ 50° C	20 minutes	Visual
Solution appearance	Colourless, no sediment	Visual
Iron, % max	0,005	colorimetry
Sulphate, % max	0,003	turbidimetry
Chloride, % max	0,005	turbidimetry

Package : 20 kg Paper bags with inner PE bag or bigbags according to customer request

Storage : Stable under ordinary conditions

Hazard symbol : Xi Irritant; Risk Phrases : 36/37/38/37/45A; Safety phrases: 26/37

Origin : European Union, Estonia