

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/F	180-183 / 356-362
Bulk density, kg/m ³ ; lb/gal	700-750 ; 4,6
Solubility in water	50 g/l; 0,1875 lb/gal
Flash point, deg °C/F	>150/302
Ignition temperature, deg °C/F	360/680
pH value at 10g/l;0,083lb/gal @ 20°C/68°F	9,5

Specification

Property	Limits	Test method
Purity, % min	99,5	Titration with Br ₂
Dry Assay, wt % min	99.8	Weight loss 2 hours @ 105° C
Methanol, % max	0,1	GC.
Moisture, % max	0,1	Dean & Stark
Solubility in water, 12% @ 50° C	20 minutes	Visual
Solution appearance	Colourless, no sediment	Visual

Package : 50lbs 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; Safety phrases: 24/25-37-45-28A

Origin : European Union, Estonia

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