

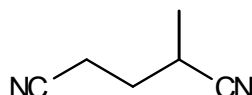
DYTEK[®] MGN

Methylglutaronitrile

C₆H₈N₂

Product Description

A clear, colorless liquid dinitrile



Applications

- Hydrolysis to methylglutaric acid
- Alcoholysis to esters
- Reduction to amines
- Cyclization to 3-methylpiperidine, beta-picoline
- Extractive distillation
- Extraction solvent

Typical Composition (wt %)

2-Methylglutaronitrile	99.5
2-Ethylsuccinonitrile	0.5

General Information

CAS Registry Number	4553-62-2
CAS Name	2-Methylpentanedinitrile
Molecular Weight	108
Boiling Point, °C, 760 mmHg	274
Specific Gravity, 25°C (77°F)	0.95
Melting Point, °C (°F)	-44 (-48)
Flash Point, tcc, °C (°F)	126 (259)
Viscosity, 25°C (77°F), cP	5.8

Shipping

DOT/IMO Proper Shipping Name: Nitriles, Toxic, Liquid, N.O.S. (2-Methylglutaronitrile)

Hazard Class: 6.1
 UN Number: 3276
 Packaging Group: II

Packaging

	Net Weight (lbs/kg)
Railcar	140,000/63,500
Tank truck	42,000/19,000
ISO containers	40,000/18,100
Drums	400/181

For Samples and Information:
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