

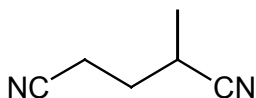
# DYTEK<sup>®</sup> MGN

## Methylglutaronitrile

C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>

### 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)	-45 (-49)
Flash Point, cc, °C (°F)	126 (259)
Viscosity, 25°C (77°F), cP	5.8

### Shipping

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

Hazard Class: 6.1  
 UN Number: 3276  
 Packaging Group: III  
 DOT/IMO Label: Poison

### 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

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**For Samples and Information:**  
INVISTA™ Specialty Intermediates • (800) 231-0998  
World Wide Web address: [www.intermediates.invista.com](http://www.intermediates.invista.com)

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