

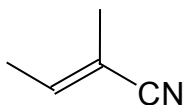
DYTEK[®] 2M2BN

2-Methyl-2-Butenenitrile

C₅H₇N

Product Description

An unsaturated, unconjugated mononitrile.



Applications

- Dye intermediate
- Rubber accelerator
- Flavor and fragrance
- Monomer
- Lubricant

Derivatives

- mono- and di-(2-methylbutyl)amine
- 2-Methyl-3-butenic acid
- 2-Methyl-2-butenic, angelic, and tiglic acids
- 2-Methylbutyric acid, esters, and polyol esters
- Aminoalkyl silanes

Typical Composition (wt%)

2-Methyl-2-Butenenitrile (2M2BN)	min 55
2-Methyl-3-Butenenitrile (2M3BN)	5-30
Butadiene	max 5
HCN	max 30 ppm

General Information

CAS Number	30574-97-1
Molecular Weight	81
Boiling Point, °C	122
Freezing Point, °C	-12
Explosive limits in air	1,3-12%
Solubility in Water, 20°C, wt%	1
Specific Gravity, 20°C	0.82
Flash Point, cc, °C	21

Shipping

Shipping Name:	Nitriles, Flammable, Toxic, N.O.S. (contains 2-methyl-2- butenenitrile)
Hazard Class:	3, 6.1
UN Number:	3273
Packaging Group:	II
DOT/IMO Label:	Flammable Liquid, Poison

Packaging

	Net Weight (kg)
Tank truck	20,000
ISO container	18,000
Steel Drums	159

For Samples and Information:

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World Wide Web address: www.intermediates.invista.com

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