

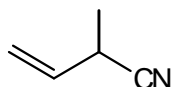
DYTEK[®] 2-Methyl-3-Butenenitrile (2M3BN)

2-Methyl-3-Butenenitrile



Product Description

DYTEK[®] 2-Methyl-3-Butenenitrile (2M3BN) is 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

Composition (wt %)

	Typical	Range
DYTEK [®] 2-Methyl-3-Butenenitrile	88	85–90
trans-2-Methyl-2-Butenenitrile	3	2–4
Pentenenitrile	8	6–10
Water, ppm	65	25–175

General Information

Molecular Weight	81
Boiling Range, °C (°F)	121–145 (250-293)
Boiling Point, Pure 2M3BN, °C (°F)	125 (257)
Specific Gravity, 25°C (77°F)	0.80
Flash Point, cc, °C (°F)	15 (54)
Vapor Pressure, 20°C (77°F), mmHg	12

Shipping

DOT/IMO Proper
Shipping Name:

Nitriles, Flammable,
Toxic, N.O.S. (2-
Methyl-3-Butenenitrile,
3-Pentenenitrile)

Hazard Class:

3

Subsidiary Hazard Class:

6.1

UN Number:

3273

Packaging Group:

II

DOT/IMO Label:

Flammable Liquid

Packaging

Tank truck
ISO container
Steel Drums

Net Weight (lbs/kg)

42,000/19,000
40,000/18,100
350/158.77

For Samples and Information:
INVISTA™ Specialty Intermediates • (800) 231-0998
www.DYTEK.INVISTA.com

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