



Chemicals Corp.

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Technical Data Sheet

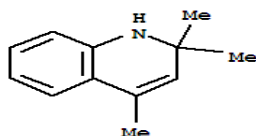
TMQ

2,2,4-Trimethyl-1,2-Dihydroquinoline polymer

CAS Number: 26780-96-1

Molecular weight: 173.25

Molecular formula: C₁₂H₁₅N



PRODUCT INFORMATION

PRODUCT SPECIFICATIONS		GRANULES
Appearance		Amber to brown granules
Initial Melting Point	°C	80.0 – 100.0
Loss on drying	% max	0.50
Ash	% max	0.50
<u>Typical properties</u>		
Density	g/cm ³	1.08
<u>Packaging</u>		
Bag		25kg (55 lbs)
Pallet		500kg or 600kg (1102 lbs or 1323 lbs)

FUNCTION

TMQ is an antioxidant widely used in the manufacture of rubber products.

APPLICATIONS AND PROPERTIES

- TMQ is used for tires, rubber overshoes, rubber hoses, adhesive tape, electrical wire, cable and other rubber products.
- TMQ is low in toxicity and is a low pollutant.
- Used as an excellent general purpose ammonia anti-aging agent.
- Product is highly combustible.
- Soluble in benzene, chloroform, carbon disulfide and acetone.
- Insoluble in water.
- TMQ is not regulated for use in food applications under FDA 21 CFR.

STORAGE

Material should be stored in a tightly closed container in a cool, dry, well ventilated area. Keep product away from combustible sources. The maximum recommended storage life is 2 years when stored under normal conditions.

HANDLING PRECAUTIONS

For detailed information on toxicological properties and handling precautions, please refer to the current Safety Data Sheet. This information is available by request from **SunBoss Chemicals Corp.**

[Revised: November 6, 2014 by kk]