

WESTERN RESERVE CHEMICAL

4837 DARROW RD. PH# 330-650-2244
STOW, OHIO 44224 Fax# 330-650-2255
CHEMTREC 800-424-9300

MATERIAL SAFETY DATA SHEET

TMQ

CAS #

26780-96-1

1. Product Identifications

Product Name: TMQ
Chemical Name: 2,2,4-Trimethyl-1,2-dihydroquinoline,
polymerized
Formula: $[C_{12}H_{15}N]_n$

2. Physical Description/Properties

Specific Gravity: 1.1
Softening Point (C° Min): 80
PH Value 7
Appearance: Light brown to amber flakes, granules,
beads or powder
Odor: Slight Aromatic
Taste: Slight Bitter
Solubility: Soluble in benzene, methylbenzene,
Chloroform, acetone and ethyl acetate,
insoluble in water, dilute acid, dilute alkali and
gasoline.
Volatiles % <0.5
Ash % <0.3

3. Hazard Information

Combustible dust

Keep away from heat, sparks and flame.

Eye irritant-Can cause redness, tearing and swelling.

Skin contact may cause allergic reaction. May cause skin defatting.

Inhalation may cause upper respiratory irritation.

Ingestion of large quantities may cause illness.

4. First Aid Information

Skin:	Remove contaminated clothing and wash before re-use. Immediately wash contaminated skin with running water.
Ingestion:	Immediately rinse mouth with water. Induce vomiting only at the instruction of a physician. Seek immediate medical attention.
Eyes:	Flush with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation:	Remove person to fresh air. Get immediate medical attention if breathing is difficult or short.

5. Handling and Storage

Storage:	Store in a dry well-ventilated area avoiding direct exposure to sunlight. Sensitive to heat and moisture
Stability in storage:	two years

6. Employee Protection Recommendations

The employee should wear protective clothes and avoid direct physical contact with the product.

Eye Protection: Wear chemical safety glasses or goggles

Hand Protective Requirements: Wear protective gloves.

Skin Protective Requirements: Wear overalls.

Ventilation: Local exhaust

7. Toxicological Information

Low toxicity

LD50 acute oral for rats: 2250mg/kg

LD50 acute skin for rats: >5000mg/kg

8. Fire and Explosion Data

Flash point:	Powder 115°C, Pellets 150°C
Exposure standard limits:	Not available
Extinguish Media:	Spray water, Carbon Dioxide, foam, sand or dry chemical.

9. Reactivity

Chemical stability: Stable when stored in original container protected from heat and moisture.

Hazardous Polymerization: Does not occur.

Materials to avoid: Strong oxidizers and acids.

Hazardous products of decomposition: Carbon monoxide, oxides of nitrogen.

10. Accidental Release and Disposal

Spills: Sweep and place in closable container. Avoid generation of dust. Wear appropriate protective clothing and safety devices. Do not use water to remove spilled material.

Disposal: Bury waste and empty containers in licensed landfill in adherence to federal, state and local regulations.
NOT A RCRA HAZARDOUS WASTE.

11. Transportation Information

DOT Status	Not regulated
DOT shipping name	None
DOT reportable qty. (lbs)	None
ICAO/IATA Status	Not regulated
Proper shipping name	None
UN/NA number	None
IMDG Status	Not regulated
TDG Canada	Not regulated

12. Regulatory Information

Worldwide Inventory Status	
TSCA (USA):	Listed
Canadian DSL:	Listed
Canadian NDSL:	N/A

Material Safety Data Sheet /TMQ/ Page 4

EINECS/ELINCS (Europe): Listed
Japanese Inventory (ENCS): Listed

Korean Chemical Inventory
(ECL): Listed
Australian Chemical
Inventories (AICS):
New Zealand (NZ): Listed
Philippines (PICCS) Inventory: Listed
China (CLECS): Listed

US Regulatory Rules
SARA Section 302: None Found
SARA 311/312 Hazard
Categories: Delayed Fire
SARA 313 Chemical: N/A
RCRA Status: Not a RCRA waste

Other Regulations:
California Proposition 65: NONE
New Jersey Right-to-Know List: N/A
Pennsylvania Right to Know List: N/A
Florida Right to Know: N/A
Minnesota Right to Know: N/A
MA Right to Know Law: N/A

FDA Status 21 CFR: PROHIBITED FROM USE in 21 CFR

Canadian Regulations
WHMIS Hazard Class: Not controlled under WHMIS

NPRI: N/A

13. Other Information

HMIS Classification Health 1 Flammability 1 Reactivity 0

Important Note: The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.