



# ORBITALA

*who dares wins*

## PRODUCT: HMX | Octogen

**Chemical name:** Tetramethylenetetranitramine

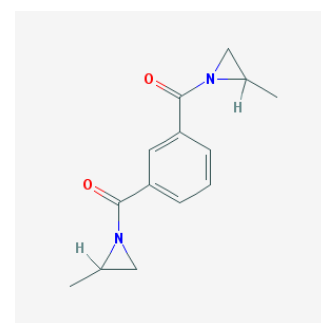
**Chemical formula:**  $C_4H_8N_8O_8$

**MIL SPEC:** MIL-DTL-45444 C, class 1+ class 5

**Cas #:** 2691-41-0

**UN number:** UN0226

**Class:** 1.1



## CHARACTERISTIC:

Characteristic	Requirements	
	Minimum	Maximum
Color	White	
Form, IR	Beta only	
HMX content(beta), %	98.00	
Moisture, %	15	
Acidity, %		0.02
Ash, %		0.03
Total acetone insoluble matter, %		0.05
Insoluble particles on U.S standard sieve no.40		0
Insoluble particles on U.S standard sieve no.60		5
Melting point, °C	277	
Granulation, passing through U.S. standard sieve no. 12, %	99	
Granulation, passing through U.S. standard sieve no. 50, %	25	55
Granulation, passing through U.S. standard sieve no. 100, %	10	30
Granulation, passing through U.S. standard sieve no. 200, %	0	20

## USES:

used especially as an explosive and variety of possibilities