

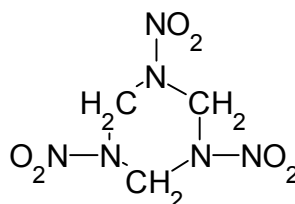
Offering sheet

SPHERICAL 1,3,5-TRINITRO-1,3,5-TRIAZACYCLOHEXANE (RDX)

wetted with water (15 - 20 %)

Chemical Properties:

Structural formula:



Molecular formula:

$C_3H_6N_6O_6$

CAS:

[121-82-4]

Molecular weight:

222 g.mol⁻¹

Physical Properties:

Bulk density:

1.0 - 1.1 g.cm⁻³

Solubility in water (20°C):

0.005 % wt.

Specification:

Properties	Limit values
Appearance	white crystalline substance
Purity	min. 99.5 %
Melting point (under decomposition)	204 °C
Ash	max. 0.04 %
Acidity	max. 0.02 %
Substances insoluble in acetone	max. 0.01 %
Moisture	max. 0.1 %

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Packing:

Polyethylene bags by 2 kg with 15 to 20 % water placed in transport packaging

Transport:

Explosive of 1.1D type; transport in the approved packagings with 15 to 20 % water

Storage:

Under cool and dry conditions

Notice:

Explosive of A II type

Application:

Active component of thermostable detonators, detonating cords and special means