



杭州泽尔瑞化学有限公司

HANGZHOU ZEERRUI CHEMICAL CO., LTD

Technical Descriptions of Production

2,4-Dinitrotoluene

UN No.: 3454

CAS No.: 121-14-2

DANGER

Typical Physical and Chemical Data



Properties	Units	Values	
		Min	Max
Apperance	--	Light yellow crystal	
Insoluble in Acetone or Benzene	%	--	0.10
Acidity(H ₂ SO ₄)	%	--	0.01
Solidification Point	°C	65.5	70.5
Volatile Ingredients	%	--	0.25
Alkalinity	%	NIL	
Granulation through a U.S. #16	%	95.0	--

Performance: It is pale yellow to yellow crystal, toxic and inflammable, soluble lightly in water, soluble in organic solvent like ether, acetone, benzene and toluene etc. With certain chemical activity, it can be decomposed with heat, the color will turn dark in the sun and it will turn into red exposed to alkali. It is combustibile with fire and high heat. It will be explosive mixture once mix with oxidizer. It may cause fire or explosion due to friction, shake or crash.

Packing: 20KG/Carton

Application: it is used as a plasticizer, deterrent coating, and burn rate modifier in propellants etc.

Store, transporation and prevention:

Stored in cool,dry and ventilated warehouse special for explosive. Guard against fire and heat. The temperature of the warehouse is not over 30℃ and the RH is less than 80%. Keep away from oxidizer, reducer, acids, alkalies or edible materials in storage. Be careful in loading and unloading and avoid damage to the package. No Shaking and friction.