

2020

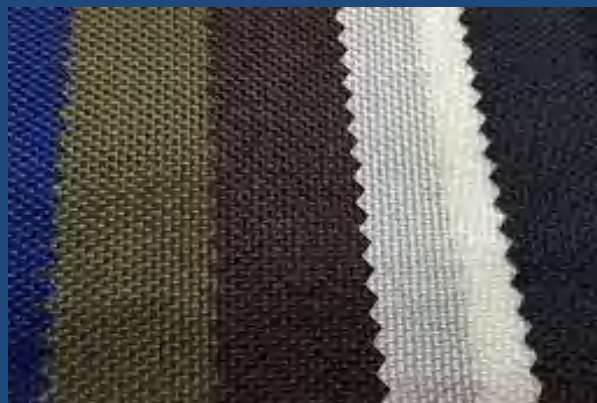
HAN INDUSTRIAL  
CORPORATION LIMITED

# Lead(II) Nitrate

CAS: 10099-74-8

MF:  $\text{Pb}(\text{NO}_3)_2$

UN 1469 Class 5.1(6.1) / PG II



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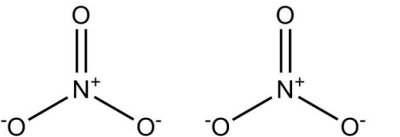
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## Technical Sheet of Lead(II) Nitrate

<b>PRODUCT:</b>	Lead(II) Nitrate
<b>CAS # :</b>	10099-74-8
<b>MOLECULAR FORMULA:</b>	Pb(NO <sub>3</sub> ) <sub>2</sub>
<b>CHEMICAL STRUCTURE:</b>	
<b>APPEARANCE:</b>	White crystalline with lumps(solid)
<b>MOL. WT.:</b>	331.21

ITEM	SPECIFICATION	RESULTS
Pb(NO <sub>3</sub> ) <sub>2</sub> content	99.0% min.	99.2%
Insoluble in water	0.005%max	0.003%
Humidity	1.25%max	0.05%
Cl	0.002%max	0.001%
Fe	0.002%max	0.001%
Cu	0.0005%max	0.0004%
Acidity (as HNO <sub>3</sub> )	0.50%max	0.15%

### APPLICATION:

Lead(II) nitrate is used in the manufacture of matches and special explosives such as lead azide, in mordants and pigments (a.o., in lead paints) for dyeing and printing calico and other textiles, and in the general manufacture of lead compounds.

Current USES of lead nitrate include rodenticides, nylon and polyester materials, and as a heat stabilizer for photosensitive thermal imaging paper coatings.

**PACKAGING:** Net Weight: 50kgs / Iron Drum

