

GRM1876 Picric acid, A.R.

Product Number Packing

GRM1876 : 500G

Product Information

Product Code : GRM1876
 Product Name : Picric acid, A.R.
 Synonym : 2,4,6-Trinitrophenol
 Molecular Formula : $C_6H_3N_3O_7$
 Molecular Weight : 229.1
 CAS No. : 88-89-1
 HS Code : 2908 99 00
 Colour Index No. : 10305
 Shelf Life : 4 years

Technical Specification

Appearance : Pale yellow crystals (To ensure safety during transit and storage, picric acid is moistened with water before issue. The specification and tests apply to the dry substances)
 Solubility : 10 mg soluble in 1 mL of water
 Melting Range : 119 - 123°C
 Chloride (Cl) : $\leq 0.0005\%$
 Sulfate and sulphonate (SO_4) : $\leq 0.025\%$
 Water insoluble matter : $\leq 0.01\%$
 Sulphated Ash : $\leq 0.05\%$
 Organic impurities : Passes test
 Assay (NaOH back Titration) : 99.80 - 100.50%

GHS Safety Information

Hazard Statement(s) : H228-H302+H332-H311
 Precautionary Statement(s) : P210-P280-P312
 Signal Word : Danger
 Hazard Pictogram(s)



Risk and Safety Information

R-Phrase(s) : 1-4-11-23/24/25
 S-Phrase(s) : 35-36/37-45
 WGK : 2
 RTECS : TJ7875000
 Flash Point(°F) : 302°F
 Flash Point(°C) : 150°C
 Storage Temperature(°C) : Store below 30°C

Hazard Symbol(s)



Transport Information

UN No.	:	1344
Class	:	4.1
Packaging Group	:	1
Marine Pollutant	:	No
ADR/RID	:	1344 4.1/PG 1
IMDG	:	1344 4.1/PG 1
IATA	:	1344 4.1/PG 1