



PRODUCT SPECIFICATION

EP 022

REV 02

IDENTIFICATION

Chemical name	Concentrated nitric acid
Formula	HNO ₃
CAS-number:	7697-37-2

PHYSICOCHEMICAL CHARACTERISTICS

Appearance	Liquid, steaming and slightly yellow.			
Characteristic	Unit	Minimum	Maximum	Method
Concentration	%	98.0	-	Manufacturer's technical specification

MAIN APPLICATIONS

Explosives, organic synthesis, production of fertilizers and laboratory reagents.

OTHER INFORMATION	
UN No.	2032
No. of Risk	856
Packaging	In bulk in stainless steel 316 L or duralumin tanks.
Cautious	Toxic and corrosive product. Avoid contact with any part of the body. Inhalation or ingestion can cause severe burns or death. Reaction with water or moisture in the air releases toxic, corrosive and flammable gases. Contact with certain metals can release flammable hydrogen gas. PPE's to be used: Long sleeves, PVC boots and clothing, panoramic mask combined with compatible gas filter for acidic gases.
Storage	Keep stored in a covered and ventilated place away from the sun. Respect chemical incompatibility as provided in MSDS.
Shelf Life	12 months, depending on ideal storage conditions.
Legal requirements	Product controlled by the Ministry of the Army and Federal Police - FP.

	Code	Description
Datasheet	106.01.0	98/ 99% Nitric Acid
	105.15.0	VFVD 98/ 99% Nitric Acid

HISTORY OF CHANGES		
Date	Revision	Comments of Changes
08.05.2013	01	Update of document layout, type of packaging, care and storage of the product.
-	02	Revision of the form due to approval via the Qualiex system.