



The Worldwide Resource...

## **THE BTTCO OVERSEAS**

A GOVT. OF INDIA RECOGNIZED \*STAR EXPORT HOUSE\*  
A D&B CERTIFIED COMPANY - DUNS NUMBER: 87-229-6440

### **Technical Data Sheet** **Nitric Acid**

#### **Particulars:**

Product	: Nitric Acid
Chemical Formula	: HNO <sub>3</sub>
CAS	: 7697-37-2
HSN	: 28080010
UN No.	: 2031
Hazz Class	: 8
Packing Group	: II

#### **Specifications:**

Weak Nitric Acid	: 61.50 + 0.5%, 68% & 72%
HNO <sub>3</sub> concentration	: 61.5 +/- 0.5% by wt. 68%, 72%
Nitrous Oxide as HNO <sub>2</sub>	: 500 ppm max
Chloride as Cl	: 10 ppm max
Sulphate as H <sub>2</sub> SO <sub>4</sub>	: 50 ppm max
Arsenic as As	: 2 ppm max
Residue on Ignition	: 100 ppm max
Heavy Metal as Pb	: To pass the test
Specific Gravity	: 1.368 at 25° C

#### **Application:**

Widely used in the manufacture of Ammonium Nitrate and other explosives, Sodium Nitrate, Potassium Nitrate, Calcium Nitrate, Glyoxal, H-Acid, Nitrobenzene and other Nitro derivatives, Dyes and Dye Intermediates, Drugs and Pharmaceuticals, Pickling of Steel and Metallurgy, Acrylic Fiber, Pesticides etc.

**Packing:** 35 Kilos UN Approved HDPE Jerry cans & 280 Kilos HDPE Drums.