



# RX MARINE INTERNATIONAL

## Total Solution Total Protection

AN ISO CERTIFIED COMPANY



## Nitric Acid 62 to 68

<b>Part/Order no:</b>	<b>Packing</b>
RXSOL-20-1106-25	25 Ltr
RXSOL-20-1106-210	210 Ltr

### Product Description:

Extra pure NITRIC, removes iron residue & forms an oxide layer that boosts the corrosion resistance of the stainless steel intended to improve the corrosion resistance of parts made from austenitic, ferritic and martensitic corrosion-resistant steels of the 200, 300 and 400 series and precipitation hardened corrosion-resistant steels. High carbon, high chromium martensitic 440C grades which are selected for high hardness and resistance may be exempt from passivation treatments at the discretion of the procuring activity.

### PRECAUTION:

- Loose iron particles or other foreign particles must be removed or they will appear as rust or stainspots. May become smeared over or imbedded into the surface of corrosion-resistant steel parts.
- DO avoid chlorides that, in excess, can Cause a harmful flash attack. When possible, Use only a good grade of water containing less than about 50 parts per million (ppm) of chlorides. Tap water is usually adequate, and in some cases up to several hundred ppm chlorides can be tolerated.

### Application:

Transparent, colourless or yellowish corrosive liquid. A strong oxidizing agent that will attack almost all metals. Hazard: Dangerous fire risk in contact with organic materials. Highly toxic by inhalation, corrosive to the skin and mucous membrane.

### Note:

During processing operations such as forming, machining, tumbling and lapping, iron particles or other foreign particles may become smeared over or imbedded into the surface of corrosion-resistant steel parts. These particles must be removed or they will appear as rust or stain spots. High carbon, high chromium martensitic 440C grades which are selected for high hardness and resistance may be exempt from passivation treatments at the discretion of the procuring activity.

### SPECIFICATION OF PRODUCT:

HNO <sub>3</sub> CONTENT, WT.% MIN.	62 - 68 %.
MINIMUM FREEZING POINT.	5.30C.
IDENTITY.	BY IR Spectrum.
APPEARANCE.	CLEAR WHITE FUMING Nitric ACID NOTE : IT IS decomp-osed BY LIGHT OR elevated TEMP, BECOMING RED IN COLOUR FROM NITROGEN DIOXIDE.
CARBONISABLE SUBSTANCES.	PASSES THE TEST.
COLOUR, MAX.	10 HU.
NON VOLATILE MATTER.	0.001%.
CHLORIDE CONTENT, PPM, MAX.	0.1 ppm.
ORGANIC IMPURITIES.	Passes test.
SULPHUR TOTAL AS SULPHATES.	0.5 ppm.
PHASE.	LIQUID.