

AHT 27027 :

SUPPLY AND DELIVERY OF 27 TONS, 100% POTASSIUM HYDROXIDE (KOH) AS A 45% SOLUTION TO PetroSA MOSSEL BAY

MATERIAL DESCRIPTION

Material Master Purchase Order Text	
Material Master Purchase Order Text	1
15000890 CHEMICAL POTASSIUM HYDROXIDE BULK	
Purchase Order Text:	
ITEM	- POTASSIUM HYDROXIDE SOLUTION
CHEMICAL TYPE	- POTASSIUM HYDROXIDE (KOH)
FORM	- AQUEOUS SOLUTION
CONTAINER	- BULK ROAD TANKER
PART NUMBER	- NOT APPLICABLE
MANUFACTURER	- NOT APPLICABLE
TECHNICAL SPECIFICATION	
KOH CONCENTRATION	- 45% m/m TYPICAL - 43% m/m MINIMUM - 50% m/m MAXIMUM
DENSITY AT 20 °C	- 1.45 g/cm ³ TYPICAL
CHLORIDE CONTENT AS KCL	- 0.3% m/m MAXIMUM
UNIT OF MEASURE	- DRY METRIC TONNE (DMT) OF KOH, EXPRESSED ON A 100% KOH BASIS
DEFINITION OF DMT	- ONE DMT REPRESENTS 1,000 kg OF 100% POTASSIUM HYDROXIDE, EXCLUDING THE WATER CONTENT OF THE DELIVERED SOLUTION.
DMT QUANTITY	- THE DMT QUANTITY SHALL BE DETERMINED FROM THE NET MASS OF SOLUTION DELIVERED AND ITS ACTUAL KOH CONCENTRATION: DMT KOH = NET MASS OF SOLUTION (t) × ACTUAL KOH CONCENTRATION (% m/m) ÷ 100
QUALITY DOCUMENTATION	
A CERTIFICATE OF QUALITY (CoQ) SHALL ACCOMPANY EACH DELIVERY.	
THE CERTIFICATE SHALL:	
1. STATE THE ACTUAL KOH CONCENTRATION OF THE DELIVERED LOAD;	
2. STATE THE CHLORIDE CONTENT AS KCL	
APPLICATION	- UNIT 27 HF ALKYLATION PLANT
HAZARDOUS-MATERIAL IDENTIFICATION	
EACH DELIVERY SHALL BE MARKED WITH THE REQUIRED HAZCHEM IDENTIFICATION, INCLUDING:	
1. UN NUMBER	- UN 1814
2. CAS NUMBER	- 1310-58-3
3. HAZARD CLASS	- CLASS 8: CORROSIVE SUBSTANCE
4. EMERGENCY ACTION CODE	- 2R
5. EMERGENCY TELEPHONE	- TO BE PROVIDED BY THE SUPPLIER
DELIVERY	- BULK ROAD TANKER