



TECHNICAL DATA SHEET

POTASSIUM HYDROXIDE SOLUTION 50%

PRODUCT DATA AND TYPICAL PROPERTIES

Formula	: KOH
Molecular weight	: 56.1
Specific Gravity (20°C)	: 1.5 (typical)
Crystallisation temperature	: 5°C (approx.)

PRODUCT SPECIFICATION

Appearance		near clear colourless liquid
Assay	% w/w KOH	50.0 ± 1.0
Sodium Hydroxide	% as NaOH	≤0.8%
Potassium Chloride	% as KCl	≤0.006%
Potassium Sulphate	% as K ₂ SO ₄	≤0.005%
Iron	% as Fe	≤0.0005%
Mercury	% as Hg	≤0.00005%
Heavy Metals	% as Pb	≤0.0010%

The product is tested using our standard analytical methods.

HANDLING AND STORAGE

Shelf life: Nominally 12 months.

Storage Conditions: Keep away from frost. Store at 5-30 °C.
Keep containers closed.

STANDARD PACKAGING

Road tankers, according to transport regulations.
1000 litre Intermediate bulk containers (IBCs), 200 and 25 litre polyethylene drums.

MAIN USES

Chemical intermediate.
As a neutralising agent.

FOR HANDLING INFORMATION PLEASE CONSULT THE SAFETY DATA SHEET.

Product: POTASSIUM HYDROXIDE SOLUTION 50%
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