



TECHNICAL DATA SHEET

POTASSIUM CARBONATE SOLUTION

PRODUCT DATA AND TYPICAL PROPERTIES

Formula	: K_2CO_3
Molecular weight	: 138.21
pH (20 °C, neat)	: 13.2 (typical)
Specific Gravity (20 °C)	: 1.53 (typical)

PRODUCT SPECIFICATION

Appearance		clear, colourless liquid free of extraneous matter
Turbidity	NTU	≤ 2.5
Assay	% w/w K_2CO_3	49.5 ± 1.0
Potassium Hydroxide	% w/w KOH	≤ 1.0 (< 0.2 typical)
Iron	% w/w as Fe	≤ 0.0001

The product is tested using our standard analytical methods.

STANDARD PACKAGING

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

HANDLING AND STORAGE

Shelf life: *Nominally 12 months.*

Storage Conditions: No special storage locations required. Store above 0 °C.

MAIN USES

Used as a processing aid in cocoa butter manufacture.
Used as an ingredient in the manufacture of photographic developers.
Used in drilling fluids for the oilfield industry.

FOR HANDLING INFORMATION PLEASE CONSULT THE SAFETY DATA SHEET.

Product: POTASSIUM CARBONATE SOLUTION
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