

Technical Data Sheet

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Item Name:

SAD

PRODUCT INFORMATION

Chinese Name:	重质纯碱
Commodity Name:	SAD
Chemical Name:	Sodium Carbonate
Other Name:	Soda Ash Dense
CAS No.:	497-19-8
Molecular Weight:	105.99
Molecular Formula:	Na_2CO_3

PRODUCT DESCRIPTION

SAD is white granular powder. Easily soluble in water.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White granular powder
Purity by wt %	99.2 min
NaCl by wt %	0.7 max
Fe_2O_3 by wt %	0.0035 max
Moisture by wt %	0.3 max
SO_4^{2-} by wt %	0.03 max
Water insoluble by wt %	0.03 max
On 180mesh sieve by wt %	70.0 min
Bulk density by g/L	900 min

MAIN APPLICATION

In detergent industry, soda ash can saponificate and activate the grease in the fabrics to enhance the cleaning power.
Raw material to produce many other chemicals like sodium silicate, STPP, sodium bicarbonate and etc.
Water softener in dyeing industry; Mining industry; Glass industry.

PACKING, LOADING AND SHELF LIFE

Packing: 40/ 50/ 1000kg PP bag with PE liner
Loading: 21mt for SAL in small bag, 20mt for SAL in 1000kg; 27mt for SAD in both small and big bags
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.