

Technical Data Sheet

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Page 1, Total 1

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Item Name:

CETSA

PRODUCT INFORMATION

Chinese Name:	羧乙基硫代丁二酸
Commodity Name:	CETSA
Chemical Name:	2-Carboxyl Ethyl Thio Succinic Acid
Other Name:	2-Carboxyethylthiosuccinic Acid
CAS No.:	19343-85-2
Molecular Weight:	222.2
Molecular Formula:	C ₇ H ₁₀ O ₆ S

PRODUCT DESCRIPTION

CETSA is not only a kind of organic acid, at the same time has good disperse ability. So it is a good detergent with superior performance of disperse.

Normally it can be used in acid cleaning process, togethering the process of clean and peracid.

CETSA is soluble in water, featuring many superior performance like biological decomposability, emulsifying dispersion. At the same time it has the nature of acetic acid and sulfonic acid, is currently the strongest organic acid of various kinds of organic matter.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Red-brown liquid
Solid content by wt %	70 min
pH Value (1% water solution)	2 - 2.5
Density by g/cm ³	1.3 - 1.4
Residue after burning by wt %	0.2 max
Loss on drying by wt %	3 max

MAIN APPLICATION

Metal cleaning detergents: mainly used for cleaning of steel, aluminum, copper, It's a good replacement of hydrofluoric acid and chlorine solvents.

Cleaner for the boiler: used to remove dirt and tarnish in the pipe and heat exchanger. Especially compared with the past usage of glycolic acid, the product is harmless to bacteria in treatment of waste water.

Textile printing and dyeing industry: reactive dye acidic soaping process, CETSA is strongly acidic, so it can keep the stability of the pH value in soap lotion before and after, at the same time CETSA has high ability of salt resistance, keeping the soap to maintain it's force in the entire process of washing.

PACKING AND SHELF LIFE

Packing: Drum / Tank

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.