

SYNTRON

Technical Data Sheet

Product Name	CALTRON BBSI	
Product code	CLT - 1002	
Chemical Description	BIS-BENZENE SULFONIMIDE	
Synonyms	Bis(phenylsulfonyl)amine; Bis(benzene sulphonyl)imide.	
CAS NO.	2618-96-4	HSN: 2925190090
Applications	CALTRON BBSI is auxiliary brightener for electroplating nickel. CALTRON BBSI is used to prepare nickel plating softener to increase the flexibility of the plating layer. The primary brightener can improve the ductility of the coating, and has the effect of anti-impurity and whitening. It has the general properties of CALTRON BBSI and is soluble in alkaline solution. In electroplating, it is used as a substitute for the primary brightener - saccharin, which has a good levelling effect and consumes less than saccharin.	
Chemical Properties	Appearance	Powder crystal
	Colour	White.
	Solubility in Water	Slightly soluble in water, well soluble in alkaline solution
	Density	1.418 ± 0.05
	Melting point	150 – 160 °C.
	Boiling point	175-181°C.
	Flash point	>240°C.

These values indicate typical specification, they are not intended to be used as product specifications.

Storage & Handling	Normally safety precautions (i.e gloves & safety goggles) should be employed when handling CALTRON BBSI. Contact with the eyes and prolonged contact with the skin should be avoided. It is recommended that CALTRON BBSI be stored in sealed HDPE Bag and kept in a cool, dry place. Store away from oxidizing agent and acid.
Work place Exposure	Occupational exposure can occur primarily through skin contact or via inhalation of vapour and mist. Engineering controls, personal protective equipment and other work place practices should be used to control these exposures.
Note	It is the responsibility of the formulator to review the chemical control regulations where the end product is intended to be sold or used.
Additional Safety Information	Details available in Material Safety Data Sheet

Important :The information presented herein, while not guaranteed, was prepared by technical person and is true and accurate to the best of our knowledge. No warranty or guarantee, express or implied, is made regarding performance, stability or otherwise. This information is not intended to be all inclusive as the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance consideration.