



## บริษัท พลวัต อินเตอร์เคม จำกัด

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## SODIUM METABISULPHITE SPECIFICATION

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**SYNONYM** : SODIUM BISULPHITE, SODIUM PYROSULPHITE,  
AND SODIUM DISULPHITE.

**FORMULA** :  $\text{Na}_2 \text{S}_2 \text{O}_5$

**MOLECULAR WEIGHT** : 190.11

**APPEARANCE** : WHITE, OR YELLOWISH FREE FLOWING  
CRYSTALLINE POWDER.

PROPERTIES	TECHNICAL GRADE	FOOD GRADE
SODIUM METABISULPHITE %wt	96.5 min	98.0 min
SODIUM SULPHITE * %wt	2.0 max	2.0 max
SODIUM SULPHATE * %wt	1.0 max	1.0 max
SULPHUR DIOXIDE %wt	65.0 min	66.0 min
CHLORIDE %wt	0.005 max	0.005 max
IRON (Fe) ppm	10.0 max	10.0 max
HEAVY METAL (Pb) * ppm	10.0 max	10.0 max
pH of 1 % soln	4.0 - 4.5	4.0 - 4.5
ARSENIC %wt		0.001 max
SELENIUM %wt		0.001 max
COPPER %wt		0.001 max
ZINC %wt		0.001 max
CADMIUM %wt		0.001 max
CHROMIUM %wt		0.001 max
NICKLE %wt		0.001 max
WATER INSOLUBLE * %wt	0.05 max	0.05 max

**MAIN USES** : USED AS A GENERATING SOURCE OF SULPHUR DIOXIDE FOR PRESERVATION AND STERILISATION PURPOSES IN FOOD INDUSTRIES, FRUIT, VEGETABLE, JAM SOYSAUCE, FISH, SHRIMP AND STARCH PRODUCTION, SUGAR REFINING, ALSO USED IN THE PROCESS AND THE WASTE WATER TREATMENT FOR TANNERY, TEXTILE, PULP AND PAPER IN ELECTROPLATING INDUSTRY, USED AS DECHLORINATOR AND CHROMIUM SALT REDUCER, PHOTOGRAPHIC CHEMICALS FORMULATION

**STORAGE** : STORE IN COOLS AND DRY PLACE.

**PACKING** : 25 KG AND 50 KG/PP WOVEN BAG WITH HEAT SEALED PE INNER LAYER.