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ABOUT US

SHANTI INORGOCHEM also known as (Shanti Industries) Located at Ahmedabad, Gujarat, India was established in 1998, by Mr. Manoj J. Patel. The first product manufactured by Shanti Inorgochem was Sodium Bisulphite, in forms of powder. Then Company's research development department had reserched Sodium bisulphite in forms of solution. Now the company is manufacturing Sulfur based Inorganic chemicals, with the best quality in domestic as well as in international.

Shanti Inorgochem is associated with Bodal Chemicals Ltd., the leading manufacturer of dyes and dyes-intermediates in India. And we are also selling our products to Bodal chemicals.

Now Avanish M. Patel, the son of the founder Mr. Manoj J. Patel has also joined the established organization. And company has started its another Unit in Bharuch, Gujarat which has highest production capacity in the country in the year 2008.

VISION

To Become A **Global Leader** And
Largest Supplier Of **Inorganic Chemicals**.

MISSION

Quality Of **Products**

Customer **Satisfaction**

Innovation And **Efficiency**

CERTIFICATION



SODIUM META BI SULPHITE

SODIUM METABISULPHITE IS MANUFACTURED BY REACTING SULFUR DIOXIDE WITH SODIUM CARBONATE / SODIUM HYDROXIDE. IT IS WHITE CRYSTALLINE POWDER.



Description:

Sodium Metabisulphite is a free flowing crystalline powder with odor of SO₂

Formula : Na₂ S₂ O₅

Synonyms :

Anhydrous Sodium Bisulphite, Sodium Pyrosulphite, Sodium disulphite

Molecular Weight : 190.12

Bulk Density : 1.2 - 1.3 kg/dm³

Appearance : White free flowing crystals

Appearance of 20% Solution:

Clear & Colorless or Pale yellow.

CAS NO : 7681-57-4

SPECIFICATIONS:

PARAMETERS	TECHNICAL GRADE	FOOD GRADE
APPEARANCE	WHITE CRYSTALLINE POWDER	WHITE CRYSTALLINE POWDER
PURITY AS (Na ₂ S ₂ O ₅)	MIN. 95% w/w	MIN. 98% w/w
PURITY AS (SO ₂)	MIN. 63% w/w	MIN. 65.5% w/w
pH (20% Soln)	4.5 – 5.5	4.2 – 4.8
HEAVY METALS	MAX. 50 PPM	MAX. 10 PPM
LEAD (AS Pb)	MAX. 50 PPM	MAX. 5 PPM
IRON (AS Fe)	MAX. 100 PPM	MAX. 4 PPM
ANTIMONEY	MAX. 50 PPM	NIL
ARSENIC (AS Ar)	MAX. 50 PPM	NIL
CADMIUM (AS Cd)	MAX. 50 PPM	NIL
MERCURY (AS Hg)	MAX. 50 PPM	NIL
CHROMIUM (AS Cr)	MAX. 50 PPM	NIL
NICKLE (Ni)	MAX. 50 PPM	NIL
SELENIUM (AS Se)	MAX. 50 PPM	NIL

PACKING: -

IN DIFFERENT HDPE BAGS WITH INNER LINER 25KG/50KG/100KG/500KG/1MT.

HDPE DRUM PACKING 25KG.

500GMS – 1KG PACKING FOR FOOD ADDITIVES.

USES: -

MANUFACTURING OF ACRYLIC FIBRE

WATER TREATMENT CHEMICALS

OIL-DRILLING AS AN OXYGEN SCAVANGER.

WINE MANUFACTURING.

AS A FOOD PRESERVATIVE IN SEA FOODS & BISCUITS.

REFINING OF GOLD.

PRODUCTION CAPACITIES OF OUR PRODUCTS **3600TPA.**

SODIUM BI SULPHITE SOLN

SODIUM BISULPHITE SOLN IS MANUFACTURED BY REACTING SULFUR DIOXIDE WITH SODIUM CARBONATE / SODIUM HYDROXIDE IN THE PRESENCE OF WATER. IT IS LIGHT YELLOW COLOURED SOLUTION.



PACKING: -

IN DIFFERENT HDPE DRUMS LIKE 36LTRS/200LTRS.

IBC TANKS (1000 LTRS)

ISO THANKS

S.S. 316 TANKERS

USES: -

AS AN OXYGEN SCAVANGER IN OIL DRILLING.

WATER TREATMENT CHEMICALS.

IN EFFLUENT TREATMENT PLANT.

MANUFACTURING OF LIQUID GLUCOSE.

TEXTILE DYING AS REDUCING AGENT.

MANUFACTURING OF DYES & DYES-INTERMEDIATE.

LEATHER INDUSTRY.

PRODUCTION CAPACITIES OF OUR PRODUCTS **24000TPA.**

SPECIFICATIONS:

PARAMETERS	TECHNICAL GRADE	FOOD GRADE
APPEARANCE	CLEAR & LIGHT YELLOW SOLN	CLEAR & LIGHT YELLOW SOLN
PURITY AS (NaHSO ₃)	MIN. 38% w/w	MIN. 38%-40% w/w
PURITY AS (SO ₂)	MIN. 23.5% w/w	MIN. 25% w/w
pH (20% Soln)	3.8 – 4.2	3.8-4.2
HEAVY METALS	MAX. 50 PPM	MAX. 10 PPM
LEAD (AS Pb)	MAX. 50 PPM	MAX. 5 PPM
IRON (AS Fe)	MAX. 100 PPM	MAX. 25PPM
ANTIMONEY	MAX. 15PPM	NIL
ARSENIC (AS Ar)	MAX. 15PPM	NIL
CADMIUM (AS Cd)	MAX. 15PPM	NIL
MERCURY (AS Hg)	MAX. 15PPM	NIL
CHROMIUM (AS Cr)	MAX. 15PPM	NIL
NICKLE (Ni)	MAX. 15PPM	NIL
SELENIUM (AS Se)	MAX. 15PPM	NIL

SODIUM SULPHITE

SODIUM SULPHITE IS MANUFACTURED BY REACTING SULFUR DIOXIDE WITH SODIUM HYDROXIDE AND AGAIN NUTRALISED WITH SODIUM HYDROXIDE THEN CRYSTALLISED IN EVOPORATORS.

IT IS WHITE CRYSTALLINE MATERIAL.SPECIFICATIONS: -



SPECIFICATIONS:

PARAMETERS	TECHNICAL GRADE	FOOD GRADE
APPEARANCE	WHITE CRYSTALLINE POWDER	WHITE CRYSTALLINE POWDER
PURITY AS (Na ₂ SO ₃)	MIN. 92% w/w	MIN. 96% w/w
PURITY AS (SO ₂)	MIN. 46% w/w	MIN. 49%-50% w/w
pH (20% Soln)	9 – 11	9 – 11
HEAVY METALS	MAX. 50 PPM	MAX. 10 PPM
LEAD (AS Pb)	MAX. 50 PPM	MAX. 5 PPM
IRON (AS Fe)	MAX. 100 PPM	MAX. 10 PPM
ANTIMONEY	MAX. 50 PPM	NIL
ARSENIC (AS Ar)	MAX. 50 PPM	NIL
CADMIUM (AS Cd)	MAX. 50 PPM	NIL
MERCURY (AS Hg)	MAX. 50 PPM	NIL
CHROMIUM (AS Cr)	MAX. 50 PPM	NIL
NICKLE (Ni)	MAX. 50 PPM	NIL
SELENIUM (AS Se)	MAX. 50 PPM	NIL

PACKING: -

IN DIFFERENT HDPE BAGS WITH INNER LINER
25KG/50KG/100KG/500KG/1MT.
HDPE DRUM PACKING 25KG.
500GMS – 1KG PACKING FOR FOOD ADDITIVES.

USES: -

WATER TREATMENT: OXYGEN SCAVENGER IN BOILER WATER AND DRILLING WATER.
EFFLUENT WATER TREATMENT OF EXCESS CHLORINE.
DETOXIFICATION OF CHROMIC ACID IN ELECTROPLATING INDUSTRIES.
DESALINATION PLANTS FOR MANUFACTURING POTABLE WATER.
PHOTOGRAPHY: IN PROCESSING SEMI-CHEMICAL PULP PRODUCTION IN CHEMI-THERMOMECHANICAL AND KRAFT PULPING PROCESS.
DETERGENTS: MANUFACTURE OF SULFOSUCCINATES.
DYESTUFF: REDUCING AGENT IN MANUFACTURE OF INDIGO-AT DYES.
DE-CHLORINATION: AS AN ANTICHLOR FOLLOWING BLEACHING BY SODIUM HYPOCHLORITE.
LATEX: STABILIZING LATEX.
MINERALS: ORE FLOATATION AID.
LEATHER INDUSTRY: ANTIBACTERIAL IN TANNING PROCESS.
FOOD PROCESSING: AS PRESERVATIVE, ANTIOXIDANT AND ENZYME INHIBITOR.
PRODUCTION CAPACITIES OF OUR PRODUCTS **2400TPA**.

AMMONIUM BISULPHITE SOLN

AMMONIUM BISULPHITE SOLN IS MANUFACTURED BY REACTING SULFUR DIOXIDE WITH LIQUID AMMONIA IN THE PRESENCE OF WATER. IT IS A LIGHT YELLOW SOLUTION.



PACKING: -

IN DIFFERENT HDPE DRUMS LIKE
36LTRS/200LTRS.
IBC TANKS (1000 LTRS)
ISO THANKS
S.S. 316 TANKERS

USES: -

IN WATER TREATMENT AS AN OXYGEN SCAVENGER TO REMOVE DISSOLVED OXYGEN.
OIL-DRILLING INDUSTRY.
MANUFACTURE OF CAMEL NATURAL COLOUR.
PRODUCTION CAPACITIES OF OUR PRODUCTS **2400TPA**.

SPECIFICATIONS:

PARAMETERS	TECHNICAL GRADE	FOOD GRADE
APPEARANCE	CLEAR & LIGHT YELLOW	CLEAR & LIGHT YELLOW
PURITY AS (NH ₄ HSO ₃)	MIN. 65% w/w	MIN. 68%-70% w/w
PURITY AS (SO ₂)	MIN. 44% w/w	MIN. 44%-46% w/w
PURITY AS (NH ₃)	MIN. 12% w/w	MIN. 13% w/w
pH (20% Soln)	4.5 – 5.5	4.2 – 4.8
HEAVY METALS	MAX. 50 PPM	MAX. 10 PPM
LEAD (AS Pb)	MAX. 50 PPM	MAX. 5 PPM
IRON (AS Fe)	MAX. 100 PPM	MAX. 5 PPM
ANTIMONEY	MAX. 50 PPM	NIL
ARSENIC (AS Ar)	MAX. 50 PPM	NIL
CADMIUM (AS Cd)	MAX. 50 PPM	NIL
MERCURY (AS Hg)	MAX. 50 PPM	NIL
CHROMIUM (AS Cr)	MAX. 50 PPM	NIL
NICKLE (Ni)	MAX. 50 PPM	NIL
SELENIUM (AS Se)	MAX. 50 PPM	NIL