



**Jay  
Dinesh  
Chemicals**  
*Quality is Priority*



## Discover Jay Dinesh Chemicals - Over 70 Years of Excellence

Since 1951, Jay Dinesh Chemicals and its group of companies have been pioneers in the chemical production industry. Lead by the dynamic leadership of Mr. Brijesh and Mr. Prashant, we have continuously evolved by embracing new technologies and fostering a talented team.

With a rich legacy spanning more than 70 years, Jay Dinesh Chemicals has established itself as a trusted partner in the global market. Our satisfied clients in over 18 countries attest to our dedication to quality and customer satisfaction.

Join us as we shape the future of the chemical industry, combining expertise, innovation, and sustainability. Experience the difference that over seven decades of excellence can make. Explore Jay Dinesh Chemicals today.

### LICENCE AND CERTIFICATES :

- ISO Certificate
- Food Safety and Standard of India
- Export Import License
- Goods & Service Tax
- RCMC (CHEMEXCIL) Certificate

### Group of Companies



Associated  
Finechem Pvt. Ltd.



BISIL  
(INDIA)

## PRODUCT LIST

	Product	Characteristics	Specification	Uses /Application
1	<b>Ammonium Bi Sulphite (CAS No.: 10192-30-0)</b>	Appearance Assay as $(\text{NH}_4)\text{HSO}_3$ Specific gravity PH $\text{SO}_2$	Clear yellow solution 60 to 71% 1.39 to 1.414 to 5.5 38 to 45.5 %	Oilfield chemical, caramel color, specialty uses, photography, agro industry, special chemicals, pharmaceutical industry, Laboratory chemicals
2	<b>Catalyzed AmmoniumBi Sulphite (Nickel/Cobalt) (CAS No.: 10192-30-0)</b>	Appearance Assay as $(\text{NH}_4)\text{HSO}_3$ Specific gravity PH $\text{SO}_2$ Nickel /Cobalt	Clear greenish/ reddish solution 60% to 71 % 1.39 to 1.41 4 to 5.5 38 to 45.5 % 0.02 % max	Oilfield chemical, specialty uses, Laboratory chemicals.
3	<b>JadeScan 54 Triazine based H<sub>2</sub>S Scavenger (CAS No.: 4719-04-4)</b>	Physical Appearance Color Active content Specific gravity Solubility Ph of 5% Solution Order	Clear Liquid. light yellow to Amber 78% min 1.00 to 1.15 Soluble in water and oil 9 to 12 Specific	Oilfield chemical, oil and gas industry, specialty uses, Laboratory chemicals
4	<b>Sodium Bi Sulphite (Technical Grade) (CAS No.: 7631-90-5)</b>	Physical appearance Assay as $\text{SO}_2\%$ Assay as $\text{NaHSO}_3$ Ph of 10% solution Clarity of 10 % solution	Off white crystalline powder 60 to 62% min. 98 % min 4 to 5.5 Clear	leather treatment, specialty chemicals, Dye & intermediates, Effluent treatment, food Preservatives, Pharmaceutical, Laboratory chemicals, Textile industry, Oil field chemicals, paper mills, photography, agro industry, Boiler treatment chemicals.
5	<b>Sodium Bi Sulphite (Food Grade) (CAS No.: 7631-90-5)</b>	Physical appearance Assay as $\text{SO}_2\%$ Assay as $\text{NaHSO}_3$ Ph. of 10% solution Iron. (Fe) Chlorite Heavy metals (asPb) Arsenic Water Insoluble	White to off white powder 63 % min 99.00 % min 4 to 5 50 PPM max 100 PPM max 30 PPM max 10 ppm max 0.02 % max	leather treatment, specialty chemicals, Dye & intermediates, Effluent treatment, Metal cleaning chemical, food Preservatives, Pharmaceutical industry, Laboratory chemicals, Textile industry, Oil field chemicals, paper mills, photography, agro industry, Boiler treatment chemicals.
6	<b>Sodium Bisulphite Solution (CAS No.: 7631-90-5)</b>	Physical Appearance Assay as $\text{Na}_2\text{S}_2\text{O}_5\%$ pH of solution Clarity Solution Specific Gravity@25°C Cobalt content	Yellowish clear solution 35-41% 3-5.5 Clear red solution 1.28-1.33 0.02% max	leather treatment, specialty chemicals, Dye & intermediates, Metal Treatment, Pharmaceutical industry, Laboratory chemicals, Textile industry, Oil field chemicals, agro industry,



7	<b>Sodium Sulphite(Food Grade) (CAS No.: 7757-83-7)</b>	Physical Appearance Assay as Na <sub>2</sub> SO <sub>3</sub> % pH of 10% Solution Clarity of 10% Solution Chloride Iron (asFe) max	White Crystalline Powder 96 % to 99% 9 to 11 Clear and colorless 150 ppm 50 ppm	Oxygen scavenger, Water treatment chemical, Metal treatment chemicals, paper mills, detergent, Oil field chemical. Dye & intermediates, leather treatment, specialty chemicals, photography, agro industry, Boiler treatment chemicals.
8	<b>Sodium Sulphite (Technical Grade) (CAS No.: 7757-83-7)</b>	Physical Appearance Assay as Na <sub>2</sub> SO <sub>3</sub> % Ph of 10% Solution Clarity of 10% Solution	White Crystalline Powder 96 % to 99% 9.5 to 11 Clear and colorless	Oxygen scavenger, Water treatment chemical, Metal treatment chemicals, paper mills, detergent, Oil field chemical. Dye & intermediates, leather treatment, specialty chemicals, photography, agro industry, boiler treatment
9	<b>Potassium Meta Bi Sulphite (Food Grade) (CAS No.: 16731-55-8)</b>	Physical appearance Assay as K <sub>2</sub> S <sub>2</sub> O <sub>5</sub> Clarity of 10% solution PH of 10% solution Iron content Heavy metal (Pb) Arsenic Selenium Water Insoluble	White Crystalline Powder 95 % min clear and colorless 4 – 5.5 10 ppm max 5 ppm max 3 ppm max 3 ppm max 0.05% max	Food Preservatives, Pharmaceutical industry, Laboratory chemicals, photography, fruit pulp, specialty chemicals, wine industry, beer industry.
10	<b>Sodium Meta Bi Sulphite Food Grade (CAS No.: 7681-57-4)</b>	Physical Appearance Assay as SO <sub>2</sub> % Assay as Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> Ph. of 5% solution Clarity of 10% soln. Iron content Heavy metals Insoluble matter	White Crystalline Powder 65% min 97 % min 4 to 5.5 clear 10 PPM max 3 ppm max 0.01% max	Food preservatives, photography, specialty chemicals, pharmaceutical industry, Laboratory chemicals, leather treatment, dye & intermediate, effluent treatment, metal cleaning chemical, textile industry, oil and gas industry, paper mills and agro industry.
11	<b>Sodium Meta Bisulphite (Technical Grade) (CAS No.: 7681-57-4)</b>	Physical Appearance Assay as SO <sub>2</sub> % by mass Assay as Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> % Ph of 10% Solution Clarity of 10% Solution	Creamish Crystalline Powder 60-63% 88- 94 % 4 to 5.5 Clear	Food preservatives, leather treatment, dye & intermediate, pharmaceutical industry, Laboratory chemicals, oilfield industry, and agro industry.
12	<b>Sodium Meta Silicate 9H<sub>2</sub>O (CAS No.: 13517-24-3)</b>	Alkali as Na <sub>2</sub> O Ratio Na <sub>2</sub> O: SiO <sub>2</sub> Appearance Free Alkali as Na <sub>2</sub> O Loss on ignition Matter Insoluble	20% min 1: 1 +-0.1 White crystalline 1% max 58% max 0.5% max	Metal treatment chemicals, Ceramic Industrial, detergent, cleaning powder, specialty chemicals.

13	<b>Sodium Meta Silicate 5H<sub>2</sub>O (CAS No.: 10213-79-3)</b>	Alkali as Na <sub>2</sub> O Ratio Na <sub>2</sub> O: SiO <sub>2</sub> Appearance Free Alkali as Na <sub>2</sub> O Loss on ignition Matter insoluble	28% min 1: 1 +- 0.1 White powder 1% max 44% 0.5% max	Metal treatment chemicals, Ceramic Industrial, detergent, cleaning powder, specialty chemicals.
14	<b>Sodium Meta Silicate Anhydrous (CAS No.: 6834-92-0)</b>	Alkali as Na <sub>2</sub> O Silica as SiO <sub>2</sub> Ratio: Na <sub>2</sub> O:SiO <sub>2</sub> Appearance Clarity of 5% solution	48% Min. 48% Min. 1:1+_0.1 White Powder Clear	Metal treatment chemicals, Ceramic Industrial, detergent, cleaning powder, specialty chemicals.
15	<b>Sodium Ortho Silicate (CAS No.: 13472-30-5)</b>	Physical Appearance Na <sub>2</sub> O % SiO <sub>2</sub> % Ratio Na <sub>2</sub> O:SiO <sub>2</sub> Water insoluble	White to Off White Powder 58% Min 28% Min 1:0.5+_0.03% 0.5% max	Metal Treatment, Ceramic industries, Detergent, Cleaning Powder, and Specialty Chemical.
16	<b>Corrosion Inhibitor (CAS No.: 10192-30-0)</b>	Physical Appearance Assay as (NH <sub>4</sub> ) HSO <sub>3</sub> % Assay as SO <sub>2</sub> % pH of solution Specific Gravity @25°C Physical state	Yellowish Clear solution 60 to 71 % 38 to 45.5 % 4 to 5.5 1.38 to 1.41 Solution/ Liquid	Oil and Gas Industry, water Chemistry, Photographic industry, Laboratory chemicals, mining industry, and specialty chemical.
17	<b>Oxygen Scavenger (CAS No.: 10192-30-0)</b>	Physical Appearance Assay as (NH <sub>4</sub> ) HSO <sub>3</sub> Assay as SO <sub>2</sub> %. Ph of solution Specific Gravity @25°C Physical state	Yellowish Clear Solution 60 to 71 % 38 to 45.5 % 4 to 5.5 1.38 to 1.41 Solution/liquid.	Oil and gas industry, water treatment industry, Photographic industry, X-ray fixture and developer industry, mining industry, sugar refining industry, Agro industry, pharmaceutical industry, Laboratory chemicals, and specialty chemicals.
18	<b>Sodium Monofluorophosphate (CAS No.: 10163-15-2)</b>	Appearance Assay (Na <sub>2</sub> PO <sub>3</sub> F) % Dissociate fluorine % Arsenic % pH value (20g/L solution) Loss on drying % Coalescent fluorine% Heavy Metal % Particle size(micron)	White Powder 93.0 Min 1.2 (max) 0.0003 (max) 6.5 – 8.0 0.2 (max) 12.3 (min) 0.005 (max) 100 – 200	Toothpaste Additive

19	<b>Guanidine Nitrate</b> (CAS No.: 506-93-4)	Appearance Guanidine Nitrate Ammonium Nitrate Moisture Content Ash Content Melting Point Matter Insoluble in Water @20 °C	White Crystalline Powder 98.00% w/w Min. 00.48% w/w Max. 00.48% w/w Max. 00.02% w/w Max. 212-214 °C 00.50% w/w Max	Guanidine nitrate is vital in aerospace for rocket propellants and airbags due to its high nitrogen content, enabling efficient gas generation. It also acts as a precursor in pharmaceutical and agricultural chemical synthesis, aiding in the production of nitrogen-rich compounds.
20	<b>Chloro Acetyl Chloride (CAC)</b> (CAS No.: 79-04-9)	Appearance Boiling Range Spec. Gravity 20°C DCAC% CAC% Other Impurities %	Colorless Liquid 104-107 °C 1.42 00.50% Max. 99.00% Min. 00.20% Max.	Chloroacetyl chloride is mainly used in synthesizing pharmaceuticals, agrochemicals, and organic compounds, particularly in acylation reactions to introduce chloroacetyl groups into molecules.
21	<b>Trichloro Acetyl Chloride (TCAC)</b> (CAS No.: 76-02-8)	Appearance Boiling Range Specific Gravity 26°C TCAC% CAC% DCAC%	Clear Liquid 118-120 °C 1.620 99.00% Min. 00.20% Max. 00.50% Max.	It is used in pharmaceuticals for intermediates and APIs, in agriculture for herbicides and insecticides, and in producing dyes, pigments, and trichloromethylated compounds.
22	<b>Acetyl Chloride</b> (CAS No.: 75-36-5)	Appearance Solubility in Water Specific Gravity 30°C Boiling Range Assay By Chemical	Clear Colorless liquid Reacts With Water 1.060-1.104 49-51 °C 98.00% Min.	Acetyl chloride is used in pharmaceuticals for drug synthesis, as an acetylation reagent in chemicals, and in dye and perfume industries for intermediates. It's also key in making cellulose acetate and in laboratory research.
23	<b>Mono Chloro Acetic Acid</b> (CAS No.: 79-11-8)	Appearance Water Content Dilchloro Acetic Acid Purity by GC (% area)	White Crystal Powder 00.50% Max. 00.50% Max 99.00% Min.	Monochloroacetic acid (MCAA) is crucial in the chemical industry for producing carboxymethyl cellulose (CMC) and herbicides like 2,4-D. It also plays a significant role in synthesizing pharmaceuticals, dyes, and various organic compounds.

24	<b>Trichloro Acetic Acid</b> (CAS No.: 76-03-9)	Appearance Moisture Content Assay By Titration	White Crystal Powder 00.50% Max. 99.00% Min.	Used as a reagent in organic synthesis to detect albumin, medicine, and herbicides. Used in the chemo ablation of warts. DCA and TCA are used in cosmetic treatments.
----	--	--	--	---





Quality is the cornerstone of our chemical company's mission and success. Our state-of-the-art laboratories play a pivotal role in upholding this commitment. We are unwaveringly dedicated to delivering products and services that meet and exceed the highest industry standards. Our rigorous testing and quality control measures, conducted in these advanced labs, ensure that every batch of chemicals we produce is consistent, safe, and reliable.



## Our presence worldwide :-

- UAE
- Saudi Arabia
- Nepal
- Bahrain
- Thailand
- Australia
- Bangladesh
- Qatar
- Egypt
- Singapore
- Malaysia
- Oman
- Vietnam
- Indonesia
- Kuwait
- Nigeria







**Jay  
Dinesh  
Chemicals**  
*Quality is Priority*

#### **CORPORATE OFFICE**

303-304 Murlidhar Complex, Opp Fatehpura Post Office,  
Bhattha, Paldi, Ahmedabad-380007. Gujarat, INDIA.  
Tel:+91-26608664/67, +91-9974013523, +91-9909949962  
Website : [www.jaydinesh.com](http://www.jaydinesh.com)

#### **MANUFACTURING UNITS**

##### **Jay Dinesh Chemicals Unit-1**

Plot No 184-186, Nr. Claris Life Science, Village Chacharawadi-Vasna,  
Sarkhej Bavla Highway, Ta. Sanand, Dist. Ahmedabad – 382 213, Gujarat, India.

##### **Jay Dinesh Chemicals Unit-2**

Survey no. 185/P - 186/P, Nr. Saga Laboratory, Chacharawadi-Vasna,  
Ta: Sanand, Dist: Ahmedabad-382213, Gujarat, India.

##### **Associated Finechem P Ltd**

Plot No 184-186, Nr. Claris Life Science, Village Chacharawadi-Vasna,  
Sarkhej Bavla Highway, Ta. Sanand, Dist. Ahmedabad – 382 213, Gujarat, India.

##### **Bisil India**

Plot No. 53 GIDC, Kalaria Chemical Compound,  
Odhav, Ahmedabad – 382415. Gujarat, India.

#### **Domestic Sales**

Mobile : +91-7383243422 Email : [info@jaydinesh.com](mailto:info@jaydinesh.com)  
Mobile : +91-7383243436 Email : [sales@jaydinesh.com](mailto:sales@jaydinesh.com)  
Mobile : +917069934477 Email : [sales1@jaydinesh.com](mailto:sales1@jaydinesh.com)

#### **Export**

Mobile : +91-7878730626 Email : [exports@jaydinesh.com](mailto:exports@jaydinesh.com)  
Mobile : +91-9825030426 Email : [export@jaydinesh.com](mailto:export@jaydinesh.com)

#### **Purchase**

Mobile : +91-9978030626 Email : [purchase@jaydinesh.com](mailto:purchase@jaydinesh.com)



<https://www.facebook.com/jaydineshchemical>



[https://www.instagram.com/jay\\_\\_dinesh\\_chemicals/](https://www.instagram.com/jay__dinesh_chemicals/)



<https://www.linkedin.com/company/4016883/admin/>



<https://twitter.com/home>

