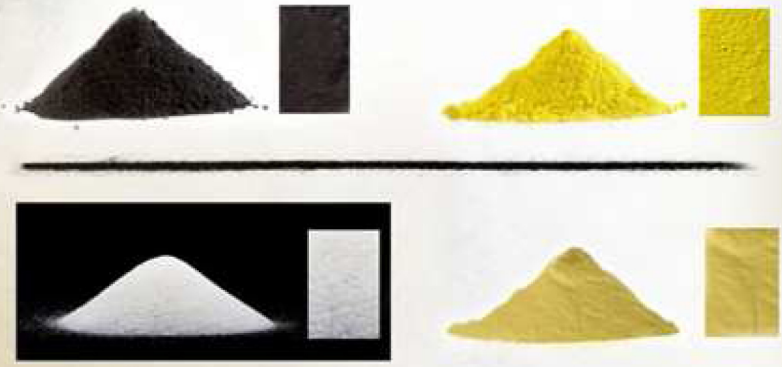
Sajan Overseas

MFG.& EXPO OF : TUNGSTEN / MOLYBDENUM SALTS
REACTIVE / PIGMENT DYES

OUR PRODUCT



ABOUT US

Incepted in the year 1978, Sajan Overseas is engaged in manufacturing and supplying a comprehensive array of metallic salts. These include Ammonium Molybdate, Sodium Molybdate, Sodium Tungstate, Tungsten Trioxide, Molybdenum di sulphide and more. Our valuable industry experience spanning over one and half decades has helped us understand client requirements and accordingly formulate chemicals. Presently, the offered products are meeting the demands of industries like Dyes & Colors, Bulk Drugs, Paints & Pigments and more.

We also have a sophisticated infrastructure facility which is well equipped with latest manufacturing unit, advance research and development wing and storage unit. Our diligent and proficient workforce is capable of understanding client requirements and delivering the same in best possible finish standards.

Under the able guidance of our mentor, Mr. Vinesh Patel (M.SC) (40 years), who has an industrial experience of 19 years, we have reached pinnacle of success. His strong business acumen and process knowledge has helped us to successfully find client support in the domestic markets.

Product Range

- Ammonium Para Tungstate
- Ammonium Meta Tungstate
- Sodium Tungstate
-Tungsten Di Sulphide
- Sodium Metatungstate (Sodium Polytungstate)
- Tungstic Acid
- Tungsten Trioxide
- Ammonium Molybdate
- Sodium Molybdate
- Molybdic Acid
- Molybdenum Trioxide
- Molybdenum Di Sulphide
- Nickel Sulphate
- Nickel Chloride
- Nickel Carbonate
- Inorganic Salt Cu & Co
- Phosphotungstic Acid.

Ammonium Paratungstate

CAS:11120-25-5

Uses :- Production of tungsten metal and its derivatives, Fire proofing fabrics and cellulose, Reagent for uric acid, Alkaloids, Plasma proteins, Blood sugar, Clinical analysis of blood, Textile (mordant, color resist) plastics, To form metal by reduction, Alloys, Preparation of tungstate for x-ray screen, Yellow pigment in ceramic.

$(NH_4)_{10}\ W_{12}\ O_{41}\ X\ 4H_2O$

Mol.Wt.3132

PHYSICAL PROPERTIES

Color	:	White powder
Ignition Residue as	:	Wo3 88±1
Grain Size	:	18 - 25 Micron F.S.S.S.

CHEMICAL PROPERTIES

Component	% / PPM
Ca	0.002
Na	0.003
K	0.002
Moly	0.001
Si	0.001
Fe	0.001
Sn	0.001
As	0.001

Sodium Tungstate

CAS:10213-10-2

Uses :- Intermediate in preparation of tungsten compound, Reagent, Fire proofing fabrics & cellulose, Alkaloid precipitant.

SPECIFICATIONS

$Na_2WO_4.2H_2O$ Mol. Wt. 329.86

Assay	98% Min
Free alkali (as NaOH)	0.1% Max
Chloride (Cl)	0.01% Max
Sulphate (SO_4)	0.02% Max
Total Nitrogen (N)	0.005% Max
Iron (Fe)	0.002% Max

Tungsten Disulphide

CAS:12138-09-9

Uses : It mainly has application in spraying, coating, carbon material, super rigidity material, and weld thread material, all sorts of grease, lubricating oil, friction materials and catalyses.

WS2 can be applied for lubricants such as grease, oil and synthetic lubricants as an additive with powder form 1% to 15%

SPECIFICATIONS

Mol Formula	WS_2
Colour	Silver Gray
Appearance	Crystalline Solid
Melting Point (°C)	1250°C, 1260°C (decomposes)
Density (Kg.m-3)	7500
Molecular Weight	248
Coefficient of Friction	0.03 Dynamic; 0.07 Static
Lubrication Temperature Range	Ambient: from -273°C to 650°C Vacuum (10 -14 Torr): from -188°C to 1316°C
Chemical Durability	Inert Substance, Non-Toxic
Coatable Substrates	Iron, Steel, Aluminum, Copper, other Metals, Plastics and Manmade Solids

Sodium Molybdate

CAS:10102-40-6

Uses: Reagent in analytical chemistry, Paint pigments, Production of molybdated toners & lakes, Meta l finishing, Brightening agent for zinc plating, Corrosion inhibitor, Catalyst in die & pigment production, Additive for fertilizer and feeds, Macro nutrient.

SPECIFICATIONS

$Na_2 MoO_4 .2H_2O$ **MOL. W.241.95**

DESCRIPTION	SMALL LUSTROUS CRYSTALLINE PLATES.
TOTAL ASSAY	99.0% MIN.
MOLYBDENUM	39.0% MIN.
INSOLUBLE MATTER	0.05% MAX.
CHLORIDE (CL)	0.05% MAX.
SULPHATE (SO_4)	0.01% MAX.
HEAVY METAL	0.01% MAX.
SILICON	0.05% MAX.

Molybdenum Di Sulphide

CAS:1317-33-5

Uses: Lubricants in greases, oil dispersion, resin bonded films, dry powders, etc., specially at extreme pressures and vacuum, hydrogenation catalyst

SPECIFICATIONS

MOS_2 **M.W. 160.06**

DESCRIPTION	BLACK CRYSTALLINE POWDER
MINIMUM ASSAY (MOS2)	98%
MAXIMUM PARTICLE SIZE	0.01 MM

Ammonium Molybdate & Ammonium Para Molybdate Ammonium Hepta Molybdate

CAS:12027-67-7

Uses: Analytical reagent, Pigment, Catalyst for dehydration and de-sulphurization in petroleum & coal technology, Production of molybdenum metal, Source of molybdate ions.

SPECIFICATIONS

$(NH_4)_6 Mo_7 O_{24} .4H_2O$ **MOL. W. 1235.90**

Description	White Crystalline Powder
Total Assay	99.0% Min.
MoO_3	81.0% Min.
Molybdenum	54% Min.
Insoluble Matter	0.01% Max.
Chloride (Cl)	0.05% Max.
Ar. Ph. Si. (SiO_2)	0.05% Max.
Nitrate (NO_3)	0.02% Max.
Sulphate (SO_4)	0.02% Max.
Iron (Fe)	0.01% Max.
Lead (Pb)	0.01% Max.

Tungsten Trioxide

CAS:1314-35-8

Uses: To form metal by reduction, Alloys, Preparation of tungstates for x-ray screens, Fireproofing fabrics, Yellow pigments in ceramics and others.

PHYSICAL PROPERTIES

MF	:	wo_3
Color	:	Yellow / Green
Ignition Residue as	:	2.2 gm/cc
Grain Size	:	9.5 micron

CHEMICAL PROPERTIES

Sr .Not	Maximum allowed	As actual
Ca	10	6
Fe	20	6
K	10	02
Na	15	06
Mo	30	03
Si	10	03
Co	10	03
Wo3	99.97%	99.98%

Ammonium Metatungstate

CAS:12025-48-7

Uses: Catalysts Petrochemical industry as a reactions including oxidation hydroxylation, hydrogenation, and polymerization_reagent for chemical analysis such as for medical diagnosis-thin-film substrate for certain semi conductor device,use in tungsten metal.

SPECIFICATIONS

NAME : AMT-72 AMMONIUM METATUNGSTATE HIGH PURITY TYPE
MOLECULAR FORMULA : (NH4)6[H2W12O40] · nH2O (n6)
MOLECULAR WEIGHT : 3,064
WO3 CONTENT : 90±1

PACKING:NET25kg
CARTON BOX
APPLICATIONS
Electronic material

WO3 :	90.8%
Mo :	0.01%
Fe :	0.04%
Ca :	0.05%
Na :	0.15%
K :	0.15%
Ni :	0.03%
Cu :	0.03%
Al :	0.04%
Mg :	0.03%
Ph :	3.0-5

Sajan Overseas

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