









Overview

Welcome to Vedanta Limited, a leading global natural resources company with interests in Oil & Gas, Zinc-Lead-Silver, Aluminium, Iron Ore, Steel, Copper, Ferro Alloys, Power, and Glass Display business.

Over the years, Vedanta has positioned itself as a leading natural resources conglomerate, focusing on the large-scale expansion of its portfolio in India with operational excellence benchmarked to global standards.

In a groundbreaking move, Vedanta has recently acquired Nicomet Industries Ltd., a distinguished Nickel and Cobalt producer located in Goa; currently part of the Malco Energy Limited Business Unit of Vedanta, positioning Vedanta as India's sole producer of Nickel.

Vedanta leads the market by producing an impressive 7.5 KTPA of Nickel Metal. With an ambitious growth plan, we are poised to meet an astounding 50% of the nation's total Nickel demand in coming years.







Evolution of Nickel in India

Nickel Production

Nicomet Started India's First Domestic Nickel Production.





Vedanta Acquired Nicomet

Vedanta becomes India's sole producer of Nickel

Nickel Sulphate Production

Vedanta Started Production of Nickel Sulphate in Goa Plant





Nickel Cathode Production

Vedanta started the production of Nickel Metal and Cobalt Sulphate which raised to 3X by EOY.

Product Diversification

Vedanta planning to diversify its product portfolio to other Nickel Products such as Nickel Chloride, Nickel Nitrate, Nickel Carbonate, etc.









Product Portfolio

We offer a very diversified product portfolio of Nickel and Cobalt products. There are two categories of products Primary Products and Value-Added Products.

Primary Products

- Nickel Metal (Cathode)
- Mickel Sulphate Hexahydrate
- Nickel Sulphate Solution
- Mickel Nitrate Solution
- Cobalt Sulphate Crystals
- Cobalt Sulphate Solution

By Products

- Manganese Sulphate Solution
- Manganese Sulphate Crystals
- Sodium Sulphate Anhydrous







High Quality Vedanta Nickel Metal applications ranges from stainless steel production, manufacturing nickel catalysts, electroplating, heat-resistant alloys, non-ferrous metal alloying, space, defense, and nickel-cadmium batteries.

We offer high-quality Nickel Metal (Nickel Cathode) in two different compositions of Nickel content:

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99.80 % Nickel (Ni 9980)

Nickel Metal is available in various dimensions as per the requirement such as:

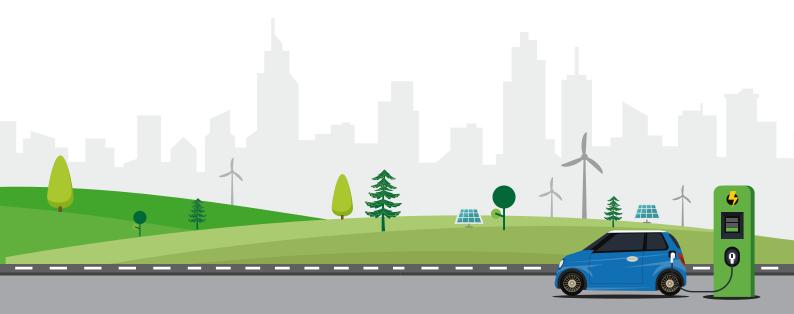
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Nickel 4" X 4" cut Cathodes

Nickel 2" X 2" cut Cathodes

Nickel off grade Cathode

NICKEL METAL (Ni 9980)		
Element	Range(%)	
Nickel	99.80 % Min	
Со	0.1500 % Max	
Zn	0.0050 % Max	
Fe	0.0200 % Max	
Cu	0.0200 % Max	
Sb	0.0050 % Max	
Mn	0.0050 % Max	
Sn	0.0050 % Max	
Pb	0.0050 % Max	
Bi	0.0050 % Max	
С	0.0300 % Max	
S	0.0100 % Max	
Si	0.0050 % Max	
Р	0.0050 % Max	
As	0.0050 % Max	







Nickel Full Plate Cathodes

Product Description:

Ni 9980

Dimensions:

950 * 1100 mm

Packaging:

Wooden Pallets

Weight:

35-50 Kg/ Sheet & 1000-1200 Kg/ pallet





Nickel Cut Cathodes

Product Description: **Ni 9980**

Packaging:

HDPE or MS drums /Gunny bags, 50 kgs in gunny bags & 250kgs - 300kgs in HDPE Drums

Dimensions: 4" * 4" & 2" * 2"









Nickel 2" X 2" cut Cathodes

Product Description: **Ni 9980**

Packaging:
HDPE or MS drums
/Gunny bags,
50 kgs in gunny
bags & 250kgs 300kgs in HDPE
Drums



Nickel Full Plate Cathodes (Grade B)

Product Description:

Ni 9980

Packaging:

Wooden Pallets

Weight:

15-40 Kg/ Sheet & 600-1100 Kg/ pallet

Thickness: 1-3 mm





Nickel off grade Cathode

Product Description: **Ni 9980**

Packaging:
Wooden Pallets/Gunny bags,
500kgs-750 Kgs
each pallet & 50 kgs
each bag







Nickel Sulphate

Nickel Sulphate is an important compound used as a base material globally in nickel plating, in dip baths for enameling, in preparation of nickel compounds, as a catalytic nickel, and in battery manufacturing.

We offer Nickel Sulphate of high quality with different grades:

- Nickel Sulphate Hexahydrate (Battery Grade)
- Nickel Sulphate Hexahydrate (Technical Grade)
- Nickel Sulphate Solution











Nickel Sulphate

Nickel Sulphate Hexahydrate (Battery Grade)

Appearance:

Blue-Green Crystals

Form:

Crystal

Packaging:

1000Kgs Jumbo bags, and 50Kgs & 25Kgs in **HDPE** bags



Element	Range
pH Of 10 % Solution	4.00 - 6.00
Nickel	22.20 – 22.30%
Со	< 0.0010 %
Mg	< 0.0010 %
Na	< 0.0050 %
Ca	< 0.0005 %
Fe	< 0.0010 %
Cu	< 0.0005 %
Zn	< 0.0005 %
Mn	< 0.0010 %
Cd	< 0.0005 %
Pb	< 0.0010 %
Cr	< 0.0010 %
Insoluble	< 0.0050 %





Nickel Sulphate Hexahydrate (Technical Grade)

Appearance:

Blue-Green Crystals

Form: **Crystal**

Packaging:

50 Kg and 25 Kg HDPE Bags

Nitrate Test: **Negative**

Solubility 10% in

dist. H₂0: **Clear Liquid**







Element	Range
pH Of 10 % Solution	4.00 - 6.00
Nickel	22.20 – 22.30%
Со	< 0.0010 %
Mg	< 0.0020 %
Na	< 0.0100 %
Ca	< 0.0010 %
Fe	< 0.0010 %
Cu	< 0.0005 %
Zn	< 0.0005 %
Mn	< 0.0010 %
Cd	< 0.0005 %
Pb	< 0.0010 %
Cr	< 0.0010 %
Insoluble	< 0.0050 %





Nickel Sulphate Solution

Vedanta Nickel Sulphate Solution is utilized in metal plating, research and laboratory work, electrolytic nickel solutions, build-up coating for worn parts, and the production of molds, filters, meshes, and screens in various industries.

Appearance:

Green Transfer Liquid

Form: Solution

Packaging:

Stainless Steel Drums



Nickel Sulphate Solution		
Element	Range	
рН	3.00 - 5.00	
Ni	70 – 90 gpl	
Со	< 20 ppm	
Mg	< 3000 ppm	
Ca	< 100 ppm	
Fe	< 10 ppm	
Cu	< 5 ppm	
Zn	< 5 ppm	
Cd	< 5 ppm	
Mn	< 10 ppm	
Pb	< 10 ppm	
Cr	< 5 ppm	

Nickel Nitrate Solution

Nickel Nitrate Solution

Vedanta Nickel Nitrate Solution with high quality proves its versatility in various applications, nickel-impregnated catalysts, batteries, electrotyping, electroplating, mordent in textile dyeing, and surface treatment within the metal finishing.

Appearance:

Green Clear Liquid

Form: Solution

Packaging:

Stainless Steel Drums

	Element	Range
n.t	Free Acid	5 - 10 gpl
nt	SG	> 1.40
	Ni	> 150 gpl
	Со	< 100 ppm
	Mg	< 100 ppm
	Ca	< 100 ppm
	Fe	< 100 ppm
	Cu	< 100 ppm
	Zn	< 50 ppm
	Cd	< 10 ppm
	Na	< 100 ppm
	Cr	< 20 ppm
	Mn	< 20 ppm
	Pb	< 100 ppm





Cobalt Sulphate Crystals

Vedanta Cobalt Sulfate finds applications as a pigment in ceramics glazes and enamels, as a soil additive, and in agricultural products, veterinary medicines, feed supplements, water treatment, EV and battery industries,

and electroplating.

Appearance: **Red Crystals**

Form: Crystals

Packaging:

25 Kg HDPE Bags



Cobalt Sulphate, CoSO ₄		
Element	Range	
pH Of 10 % Solution	4.50 – 5.50	
Cobalt	21.0 – 22.2%	
Ni	< 0.0300 %	
Mg	< 0.1500 %	
Na	< 0.0010 %	
Ca	< 0.2000 %	
Fe	< 0.0025 %	
Cu	< 0.0100 %	
Zn	< 0.0005 %	
Mn	< 0.0300 %	
Cd	< 0.0010 %	
Pb	< 0.0010 %	
Cr	< 0.0005 %	

Cobalt Sulphate Solution

Cobalt sulfate solution is used in electroplating, catalysts, pigments, agriculture, animal nutrition, and chemical synthesis for a range of applications.

Appearance: **Dark Solution**

Form: **Solution**

Packaging: **Stainless Steel Drums**





Cobalt Sulphate Solution		
Parameters	Specifications	
Со	100 – 120 gpl	
Ni	< 100 ppm	
Mg	< 2 gpl	
Na	< 250 ppm	
Ca	< 1000 ppm	
Fe	< 5 ppm	
Cu	< 50 ppm	
Zn	< 5 ppm	
Mn	< 500 ppm	
Cd	< 20 ppm	
Pb	< 5 ppm	





Sodium Sulphate Anhydrous

Sodium sulfate anhydrous finds applications in detergents, glass manufacturing, textiles, paper production, chemical manufacturing, and occasionally as a food additive in baked goods.

Description of Material:

Anhydrous Sodium Sulphate Crystal

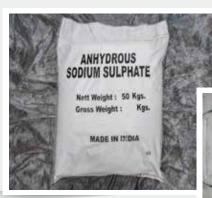
Appearance: White

Form: Free Flowing

Crystals

Packaging: 50Kgs packing

in HDPE bags







Manganese Sulphate Solution

Manganese sulfate solution is used in agriculture, animal nutrition, electrolytes, water treatment, chemical manufacturing, and battery applications for its role as a nutrient, additive, and source of manganese.

Appearance:

Very Faint Pink

Form: Solution

Packaging:

Stainless Steel Drums



Manganese Sulphate Solution		
Elements	Specifications	
Mn	> 100 gpl	
Ni	< 10 ppm	
Со	< 300 ppm	
Mg	< 50 ppm	
Ca	< 200 ppm	
Fe	< 5 ppm	
Cu	< 5 ppm	
Zn	< 10 ppm	
Cd	< 5 ppm	
Na	< 200 ppm	





Manganese Sulphate Crystals

Manganese Sulphate is utilized as a micronutrient fertilizer, animal feed source, in ceramics and textiles production, manufacturing of other manganese compounds, and as an additive in various industrial processes.

Description of Material: **Manganese Sulphate Crystals**

Appearance: Pale pink

Form: Crystals



Manganese Sulphate Crystals		
Elements	Specifications	
Mn	30 – 32 %	
Ni	< 0.003 %	
Со	< 0.05 %	
Mg	< 0.01 %	
Ca	< 0.01 %	
Fe	< 0.005 %	
Cu	< 0.01 %	
Zn	< 0.002 %	
Cd	< 0.0005 %	
Na	< 0.02 %	

Packaging: **HDPE bags**







CONTACTS

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