Zinc-O-India

Govt. of India Recognized EXPORT HOUSE

ISO 9001:2008 Certified

Regd. Office : 42, Scheme No. 8, ALWAR - 301 001, RAJASTHAN (INDIA)
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E-mail : admin@zincoindia.com, zincoindia@gmail.com
Website : www.zincoindia.com

Manufacturers & Exporters of :

ZINC OXIDE

Other Products : Zinc Sulphate, Zinc Chloride, Zinc Stearate & Secondary Zinc Ingots

Factory : Village Kesarpur, Rajgarh Road, ALWAR - 301001 (INDIA)

Website : www.zincoindia.com

PROFILE

Zinc-O-India was started in 1987 by Mr. G.K Agarwal. Today he is ably assisted by his two Sons Er. Amit Agarwal(M.E) & Mr. Ankur Agarwal(M.BA).

Zinc-O-India ever since its inception has been well renowned for its consistent quality, on time delivery & competitive prices amongst its customers which are mostly ISO 9000 certified companies & leaders in their field.

Our product is approved & quality appreciated by General Tire International Co. U.SA, a subsidiary of Continental Tyres,Germany. We currently export to various countries across the Globe including European Union. We have full expertise in manufacturing of Zinc Oxide for Rubber,Ceramic,Paint,Cosmetic,Pharma & Feed Industry. Our Feed Grade Zinc Oxide is free of Dioxin and Heavy metals, as a result its well renowned and accepted amongst EU countries.

Production Process & Capacity :- We use French process of manufacturing Zinc oxide in which oxide is produced by oxidation of Zinc Metal at elevated temperatures. The process is environment friendly and permits considerable flexibility in control of partical size & purity. Our production capacity is 3000 M.T per annum.

We also provide Technical consultancy for setting up of Zinc Oxide manufacturing plant. We have successfully set up Zinc Oxide plants at Srilanka & Malysia.

QUALITY POLICY

- Quality and customer satisfaction are Hallmark of our Organisation.
- We are committed to maintain and continually improve an effective quality management system.
- We shall ensure that customer receives the product as per agreed quality at agreed time.

Quality Control : - We have well equipped laboratory and have strict check on Quality as per B.I.S. & other relevant international standards.& as per customer requirement.

Website : www.zincoindia.com

SPECIFICATIONS

ZINC OXIDE

We Manufacture :

I. RUBBER GRADE /PAINT GRADE

Also Known As -White Seal

PARAMETERS	UNIT	VALUE
1.Apperance		White Powder
2. Zinc Oxide as Zno	% Min	99
3. Loss on Ignition	% Max	0.5
4.Sieve Residue (325 Mesh)	% Max	0.15
5.Matter Insoluble in HCL	% Max	0.15
6.Nitrogen Surface Area	m^2/gm	3.5 to 5.5

II. CERAMIC, SANITARYWARE GRADE

PARAMETERS	UNIT	VALUE
1.Apperance		White Powder
2. Zinc Oxide as Zno	% Min	99.5
3. Loss on Ignition	% Max	0.3
4.Sieve Residue (325 Mesh)	% Max	0.15
5.Matter Insoluble in HCL	% Max	0.10
6.Nitrogen Surface Area	m^2/gm	3.5 to 5.5

III. COSMETIC GRADE

PARAMETERS	UNIT	VALUE
1.Apperance		White Powder
2. Zinc Oxide as Zno	% Min	99
3. Loss on Ignition	% Max	0.5
4.Sieve Residue (325 Mesh)	% Max	0.15
5.Matter Insoluble in HCL	% Max	0.15

IV. PHARMA GRADE

Also known as- Gold Seal., I.P/BP/USP Grade

PARAMETERS	UNIT	VALUE
1.Apperance		White Powder
2. Zinc Oxide as Zno	% Min	99.90
3.Sieve Residue (325 Mesh)	% Max	0.1
4.Matter Insoluble in HCL	% Max	0.10
5. Lead(Pb)	% Max	0.0020
6 Arsenic (As)	% Max	0.0001

SPECIFICATIONS

ZINC OXIDE

V. ACTIVE GRADE - High Surface Area

PARAMETERS	UNIT	VALUE	VALUE
Appearance		White Powder	White Powder
Zinc Oxide Content	%	72 ±4	90 ± 4
Ignition Loss	%	25-30	10-15
Heavy Metals	ppm Max	100	100
Sieve Residue 325 Mesh	% Max.	0.1	0.1
Specific Surface Area	m^2/gm	20-30	40-50

VI. FEED GRADE

Also Known as :- Poultry Grade, Animal Grade

PARAMETERS	UNIT	VALUE
1.Apperance		White Powder
2. Zinc Oxide as Zno	% Min	90
3. Zinc as Zn	% Min	72
4.Sieve Residue (325 Mesh)	% Max	0.1
5. Lead(Pb)	% Max	0.0050
6.Cadmiun (Cd)	% Max	0.0010
7.Mercury (Hg)	% Max	0.0010
8.Arsenic (As)	% Max	0.0020
9 .Dioxin & PCB		NIL

VII RA GRADE

PARAMETERS	UNIT	VALUE
Zinc Oxide	%	40 %± 5
Calcium Oxide	%	50%± 10
Moisture	% Max	10.0 %
Heavy Metals	Max	500 ppm .
Specific Surface Area	m^2/g`	10-15

SPECIFICATIONS

We Trade :

ZINC SULPHATE

PARAMETERS	UNIT	VALUE HEPTAHYDERATE	VALUE MONOHYDRATE
Matter Insoluble in water	% Max	1.0	1.0
Zinc (as Zn)	% Min	21.0	33.0
Lead(as Pb)	% Max	0.003	0.003
Copper(as Cu)	% Max	0.1	0.1
Magnesium(as Mg)	% Max	0.5	0.5
Sulphur(as S)	% Min	10.0	15.0

ZINC CHLORIDE

PARAMETERS	UNIT	VALUE
1. Total Zinc content as ZnCl2	% Min	92.00
2. Ammonia as NH4Cl	% Max	4.00
3.Alkalies & Alk Earth	% Max	2.00
4.Iron	% Max	0.5
5. Appearance		Snow White

ZINC STEARATE

PARAMETERS	UNIT	VALUE
1. Ash contents	%	13-16
2. Melting Point	°C	119-120
3. Moisture content	%	1-2
4. Melt Quality	---	Clear & Transparent
5. PH	---	6.8 to 7.8
6. Residue of Sieve(300 Mesh)	% Max	0.5

SECONDARY ZINC INGOT

PARAMETERS	UNIT	VALUE
1. Zinc	%	98.5
2. Lead	% Max	1.4
3. Cadmium	% Max	0.15
4. Iron	% Max	0.07
5. Tin	% Max	0.02
6. Total Impurities	% Max	1.5

Note : Apart from above mentioned specs., we can also manufacture & supply products as per customer specification.

APPLICATIONS

ZINC OXIDE :- It is a White fluffy powder with an exceptional variety of properties, some of which are unique and can be obtained only with Zinc Oxide. In rubber processing it is used as activator in vulcanization process, foam control in lattices. In Paints it is used to shield the ultraviolet rays of sun by ,toughening the film by formation of Zinc soaps. In metal priming paint it improves water resistance. In ceramics industry it is used to impart luster and reduce coefficient of thermal expansion & provides high stability against deformation under stress when used in glass. It is used in Feed Additives as an essential nutrient.

UN No : 3077 CAS No : 1314-13-2 Molecular Formula : ZnO

ZINC SULPHATE:- A very water soluble, transparent, colorless, crystalline compound. It is common fertilizer used for rice/paddy crop It is used to supply zinc in animal feeds and agricultural sprays, in making lithopone and in coagulation baths for rayon, in electrolyte for zinc plating, as a mordant in dyeing, as a preservative for skins and leather and in medicine as an astringent .

UN No : 3077 CAS No. : 7446-20-0(Hepta) ,7446-19-7(Mono) Molecular Formula : $ZnSO_4$

ZINC CHLORIDE:- It is a commonly used in dry cell batteries as an electrolyte, fluxes for galvanizing, soldering and tinning, used to separate Oil from Water in petroleum industry, used as specialty corrosion inhibitors in cooling towers. In the textile industry it has found use in resin systems to impart durable press to cotton and synthetic fabrics. It has been used in reclaiming rubber where it dissolves rayon cord. In conjunction with sodium dichromate it has made an excellent wood preservative. It has found use in the manufacture of glue, dyes, paper, cosmetics, rayon, synthetic fibers, disinfectants and fire fighting foam.

UN No : 2331 CAS No : 7646-85-7 Molecular Formula : $ZnCl_2$

ZINC STEARATE:-It is a Zinc Soap that repels water . It contains no electrolyte and has a hydrophobic effect. It is used as a lubricant & dusting agent for Rubber & EVA sheets, as plastic mold release agent, as waterproofing agent for concrete, for coating on chemicals for free flow and moisture resistance. As a gloss imparting agent in paint industry.

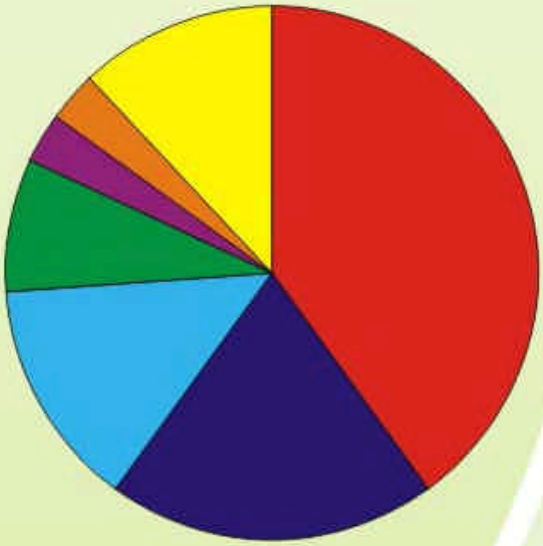
CAS No : 555-05-01 Molecular Formula : $Zn(C_{18}H_{35}O_2)_2$

PACKING & SHIPMENT

25 Kg. Bags

1000 Kg. (1 MT) Jumbo Bag

Zinc Oxide Usage in the World



- Rubber/Tyres 40 %
- Ceramics 20 %
- Pharma/Cosmetics 14 %
- Agriculture 8 %
- Lubricants 3 %
- Paints 3 %
- Animal Feed 12 %

Our Export Destinations

Our Location

Shipment Route :

Alwar to Delhi (150 km. by road)

Delhi to Mumbai (1400 km. by train)

from Mumbai by Sea

Website : www.zincoindia.com