



ZINC OXIDE (I. P. GRADE)

PRODUCT SPECIFICATIONS

DESCRIPTION	Off White, Fine Powder		
FORMULA	ZnO	CAS No. :	[1314-13-2]
MOLECULAR WEIGHT	81.38		
SPECIFICATIONS	Assay as ZnO	w/w min.	99.0 %
	Moisture	w/w max.	0.15 %
	Loss on Ignition (850°C @ 1 hour)	w/w max.	0.25 %
	Lead (Pb)	ppm max.	200
	Iron (Fe)	ppm max.	200
	Copper (Cu)	ppm max.	20
	Cadmium (Cd)	ppm max.	10
	Arsenic (As)	ppm max.	5
	Manganese (Mn)	ppm max.	10
	Sulphur (S)	w/w max.	0.15 %
	Water Solubles	w/w max..	0.5 %
	Insoluble in Conc. HCl	w/w max.	0.15 %
	Specific Gravity		5.4 - 5.7
	Acetic Acid Insoluble	w/w max.	0.30 %
	Sieve Residue (wet)+45 micron	w/w max.	0.15 %
	Packing Density	gm / ml	0.7 - 1.25
PACKAGING	25 Kg HDPE bags, 1 MT Jumbo bags. Other packings available on request.		
STORAGE	Keep it away from moisture. Store in a dry and well ventilated place.		
MAJOR APPLICATIONS	<ul style="list-style-type: none">● Manufacture of high purity Zinc chemicals such as Sulphate, Chloride etc.● As a flux for the Ceramic Industry.● As supplement in Animal feed formulations.		



Manufactured by : Transpek-Silox Industry Limited,
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ZINC OXIDE (TRANSPEK-SILOX 3C)

PRODUCT SPECIFICATIONS

DESCRIPTION	Off White, Fine Powder		
FORMULA	ZnO	CAS No. :	[1314-13-2]
MOLECULAR WEIGHT	81.38		
SPECIFICATIONS	Assay as ZnO	w/w	98.0 Min
	Copper (Cu)	ppm max.	15
	Cadmium (Cd)	ppm max.	10
	Manganese (Mn)	ppm max.	10
	Lead (Pb)	ppm max.	30
	Loss on Ignition (850°C @ 1 hour)	w/w max.	0.3 Max.
	Sieve Residue (wet) + 45 micron	w/w max.	0.08 %
	Packing Density	gm / lit	approx. 800
	Surface Area (BET)	m ² / gm	4Min
PACKAGING	25 Kg HDPE bags, 1 MT Jumbo bags. Other packings available on request.		
STORAGE	Keep it away from moisture. Store in a dry and well ventilated place.		
MAJOR APPLICATION	● Manufacture of Automobile Tyres and other Technical Rubber Goods (TRG).		



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RWTUV



ZINC DUST (FINE GRADE)

PRODUCT SPECIFICATIONS

DESCRIPTION Dark Grey, Fine, Metallic Powder

SPECIFICATIONS

Metallic Zinc	w/w min.	98.0 %
Total Zinc (as Zn)	w/w min.	99.5 %
Lead (Pb)	ppm max.	500
Chlorides (Cl)	ppm max.	500
Iron (Fe)	ppm max.	100
Copper (Cu)	ppm max.	50
Cadmium (Cd)	ppm max.	50
Acid Insolubles	% by wt.	Nil
Specific Gravity		7.1
Sieve Residue #300 BSS	w/w max.	5.0 %
Particle Size, Shape	Mixture of spherical and needle shape	

PACKAGING 50 Kg M. S. Drums, 600 Kg Jumbo bags. Other packings available on request.

STORAGE Keep it away from moisture. Store in a dry and well ventilated place.

MAJOR APPLICATIONS

- Manufacture of chemicals like Zinc Phosphide, Sodium Hydrosulphite etc.
- Refining in Electrolytic process for manufacture of Zinc.
- Metalizing and Chemical reactions.
- Intermediate in Drug Manufacturing etc.



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ZINC DUST (SUPERFINE GRADE)

PRODUCT SPECIFICATIONS

DESCRIPTION Dark Grey, Fine, Metallic Powder

SPECIFICATIONS

Metallic Zinc	w/w min.	98.0 %
Total Zinc (as Zn)	w/w min.	99.5 %
Lead (Pb)	ppm max.	500
Chlorides (Cl)	ppm max.	500
Iron (Fe)	ppm max.	100
Copper (Cu)	ppm max.	50
Cadmium (Cd)	ppm max.	50
Acid Insolubles	% by wt.	Nil
Specific Gravity		7.1
Sieve Residue # 350 BSS	% by wt.	Nil
Sieve Residue # 400 BSS	% by wt.	Nil
Particle Size, Shape	Mixture of spherical and needle shape	

PACKAGING 50 Kg M. S. Drums, 600 Kg Jumbo bags. Other packings available on request.

STORAGE Keep it away from moisture. Store in a dry and well ventilated place.

MAJOR APPLICATION ● Manufacture of Zinc Rich Paint formulations.



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SODIUM FORMALDEHYDE SULPHOXYLATE (SAFOLITE™)

PRODUCT SPECIFICATIONS

DESCRIPTION White Chips, Powder, Rice or Pea Size granules with slight characteristic odour

FORMULA $\text{NaHSO}_2 \cdot \text{CH}_2\text{O} \cdot 2\text{H}_2\text{O}$ **CAS No. :** [149-44-0]

MOLECULAR WEIGHT 154.13

SPECIFICATIONS

Assay as $\text{NaHSO}_2 \cdot \text{CH}_2\text{O} \cdot 2\text{H}_2\text{O}$	w/w min.	98.00%
Sodium Sulphite	w/w max.	3.00%
Sodium Bisulphite Formaldehyde	w/w max.	4.00%
pH of 1% solution		9.00-11.00
Total Alkalinity	w/w	1-5%
Solubility		Freely soluble in water. Practically insoluble in absolute alcohol, ether, benzene.

PACKAGING 25 Kg Paper Bags on Pallets duly stretch wrapped, 25 / 50 / 100 Kg M. S. Drums.

SHELF LIFE 12 months from the date of packing if stored in sealed air tight container.

MAJOR APPLICATIONS

- Discharge Agent for Textile Printing
- As a stabiliser / antioxidant in a wide range of Drug Formulations



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ZINC FORMALDEHYDE SULPHOXYLATE (SAFOLIN™)

PRODUCT SPECIFICATIONS

DESCRIPTION	White crystalline powder with a pungent odour, free from visible foreign particles.		
FORMULA	Zn(HSO ₂ .CH ₂ O) ₂	CAS No. :	[24887-06-7]
MOLECULAR WEIGHT	255.52		
SPECIFICATIONS	Assay as Zn(HSO ₂ .CH ₂ O) ₂	w/w min.	95.00%
	Zinc Bisulphite Formaldehyde	w/w max.	2.50%
	Zinc Sulphite	w/w max.	3.50%
	Bulk Density	gm / ml.	1.10 - 1.40
	Solubility	Practically soluble in water. Insoluble in alcohol.	
PACKAGING	25 Kg Paper Bags on Pallets duly stretch wrapped, 25 / 50 Kg G. I. Drums.		
SHELF LIFE	12 months from the date of packing if stored in sealed air tight container.		
MAJOR APPLICATIONS	<ul style="list-style-type: none">● Discharge Printing on Polyester, Nylon and other Synthetic Fibres.● As a Redox Catalyst in manufacturing of Polymers like VAE.		



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SODIUM FORMALDEHYDE SULPHOXYLATE (SAFOLITE™) POLYMER GRADE

PRODUCT SPECIFICATIONS

DESCRIPTION White Chips, Powder, Rice or Pea Size granules with slight characteristic odour

FORMULA $\text{NaHSO}_2 \cdot \text{CH}_2\text{O} \cdot 2\text{H}_2\text{O}$ **CAS No. :** [149-44-0]

MOLECULAR WEIGHT 154.13

SPECIFICATIONS

Assay as $\text{NaHSO}_2 \cdot \text{CH}_2\text{O} \cdot 2\text{H}_2\text{O}$	w/w min.	99.00%
Sodium Sulphite	w/w max.	3.00%
Sodium Bisulphite Formaldehyde	w/w max.	4.00%
Alkalinity as Sodium Carbonate	w/w max.	2.00%
pH of 1% solution		9.00 - 11.00
Zinc Content	ppm max.	10
Iron Content	ppm max.	10
Na_2S Content	ppm max.	50
Solubility	Freely soluble in water. Practically insoluble in absolute alcohol, ether, benzene.	

PACKAGING 25 Kg Paper Bags on Pallets duly stretch wrapped, 25 / 50 / 100 Kg M. S. Drums.

SHELF LIFE 12 months from the date of packing if stored in sealed air tight container.

MAJOR APPLICATIONS ● As a Redox Catalyst in Emulsion Polymerisation process for manufacturing ABS, SBR, NBR, Acrylates and also in various Latexes in the Paint and Adhesive industries.



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SODIUM HYDROSULPHITE (SODIUM DITHIONITE)

PRODUCT SPECIFICATIONS

DESCRIPTION White or greyish white crystalline powder, free from visible foreign particles with pungent odour

FORMULA $\text{Na}_2\text{S}_2\text{O}_4$ **CAS Number :** [7775-14-6]

MOLECULAR WEIGHT 174.1

SPECIFICATIONS

Assay	w/w min.	88.00%
Sodium Sulphite	w/w max.	5.00%
Sodium Carbonate	w/w max.	3.00%
Sodium Sulphate	w/w max.	4.00%
Sodium Thiosulphate	w/w max.	1.00%
pH of 1% solution	min.	6.00
Bulk Density (gm / ml)		1.40-1.60
Solubility	Soluble in water at room temperature, insoluble in organic solvents	

PACKAGING 50 / 100 Kg net new U. N. approved M. S. Drums.

SHELF LIFE 12 months from the date of packing if stored in sealed air tight container.

TRANSPORT

UN No. 1384 **IMCO Class** 4.2

CLASSIFICATION

Packaging Group II **MFAG No.** 635, 700

MAJOR APPLICATIONS

- Textile : Dyeing, Printing & Stripping of Vat dyes.
- Bleaching Aid : Ground Wood Pulp, Soap, Sugar, Molasses and Glue.
- Reducing Agent : Reduction of Metal Ions to Metals, Disulphide linkage in wool hair, Nitrogen compounds.



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LIQUID SULPHUR DIOXIDE

PRODUCT SPECIFICATIONS

DESCRIPTION	Non flammable Clear liquid possessing a strong suffocating odour.		
FORMULA	SO ₂		
MOLECULAR WEIGHT	64.06		
GRADE	Non-Refrigerant		
SPECIFICATIONS	Non-Volatile residue	w/v max.	1000 ppm
	Acidity as SO ₃ [SO ₃ & H ₂ SO ₄]	w/v max.	100 ppm
	Moisture	w/v max.	200 ppm
PACKAGING	900 Kg. Tonners		

MAJOR APPLICATIONS

- Chemicals (Sulphuric Acid, Sulfites, Hydrosulphites of Potassium and Sodium, Thisulphates, Alum from shale)
- Recovery of volatile substances
- Ore and metal refining
- Soyabean protein
- Intermediates
- Solvent extraction of lubricating oils
- Bleaching agent for oils and starch
- Sulphonation of oils
- Disinfecting and Fumigating
- Reducing agent
- Bleaching of wood pulp and paper



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ZINC OXIDE (TRANSPEK-SILOX 2C)

PRODUCT SPECIFICATIONS

APPEARANCE	Yellow pale powder with 100% nodular particles		
FORMULA	ZnO	CAS No. :	[1314-13-2]
MOLECULAR WEIGHT	81.38		
SPECIFICATIONS	Assay as ZnO	%w/w	98.5 ± 0.5
	Copper (Cu)	ppm max.	10
	Cadmium (Cd)	ppm max.	2
	Manganese (Mn)	ppm max.	5
	Lead (Pb)	ppm max.	20
	Loss on drying (2 hrs at 105°C)	%w/w max.	0.25
	44 micron sieve retention	%w/w max.	0.08
	Packing Density	gm / lit	approx. 800
	Surface Area (BET)	m ² / gm	5 - 8
	Specific gravity	—	5.5 - 5.7
PACKAGING	25 Kg HDPE bags, 1 MT Jumbo bags. Other packings available on request.		
STORAGE	Keep away from moisture. Store in a dry and cool place.		
MAJOR APPLICATION	● Manufacture of Automobile Tyres and other Technical Rubber Goods (TRG).		



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