



# FOOD, PHARMA & NUTRACEUTICAL DIVISION

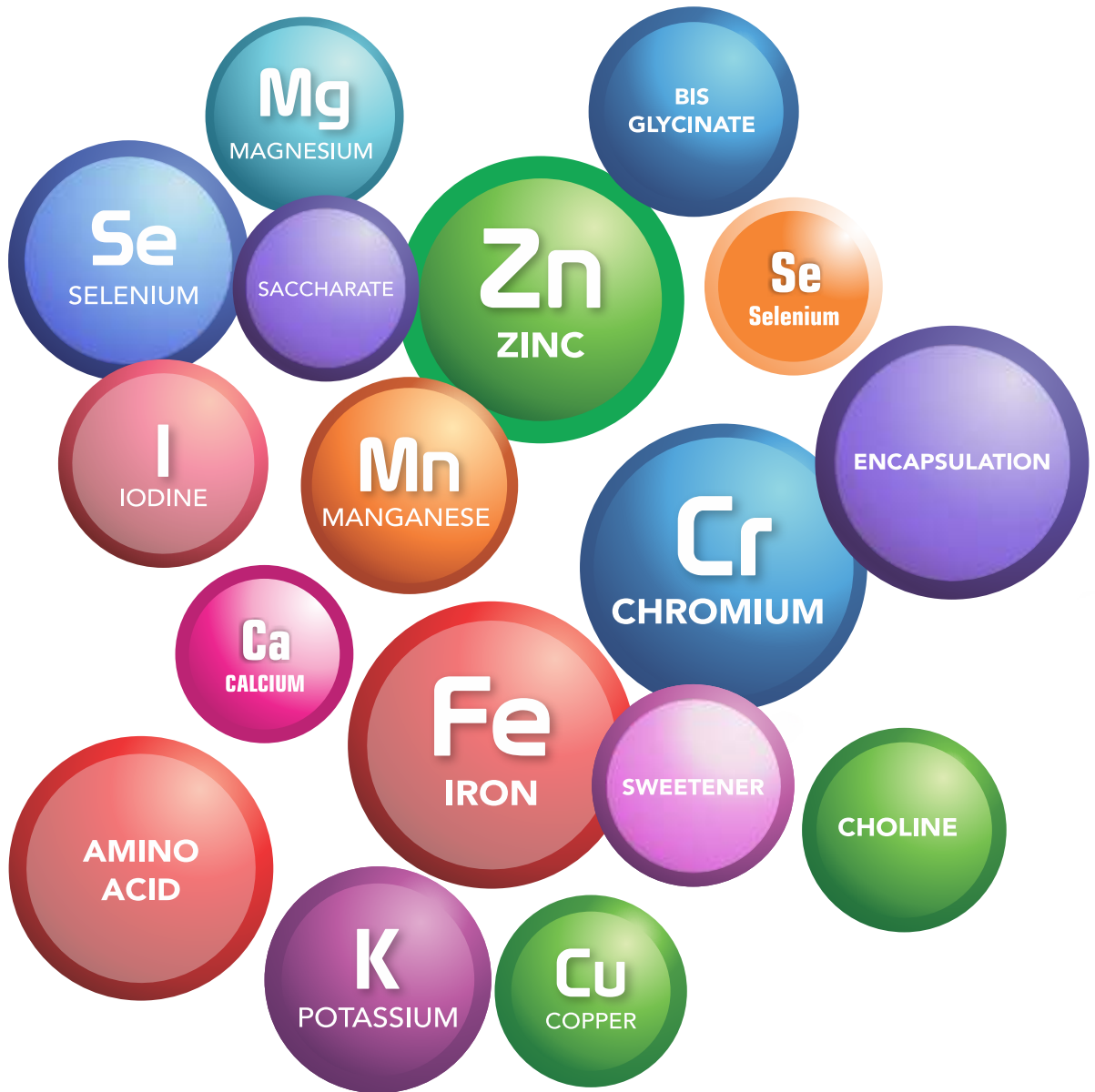


**SALVI CHEMICAL**  
INDUSTRIES LTD.

*solid foundations, fresh innovations*



# MINERALS



**SALVI CHEMICAL  
INDUSTRIES LTD.**

*solid foundations, fresh innovations*

# ONE STOP DESTINATION FOR **IRON SUPPLEMENTS**



## **Ferrous Fumarate**

- Ferrous Fumarate California Prop 65
- Ferrous Fumarate USP
- Ferrous Fumarate USP Low Lead / Low Chromium
- Ferrous Fumarate Baby Food
- Ferrous Fumarate BP
- Ferrous Fumarate IP
- Ferrous Fumarate FCC
- Ferrous Fumarate Micronized (12µm/44µm/74µm/149µm)
- Ferrous Fumarate Ultra Pure
- Ferrous Fumarate Feed Grade
- Ferrous Fumarate Dark Brown / Reddish Orange
- Ferrous Fumarate DC Grade (60% / 90% / 95%)
- Encapsulated Ferrous Fumarate 60% (Red Powder)
- Encapsulated Ferrous Fumarate 60% (Grayish White Granules)



## **Dried Ferrous Sulphate**

- Dried Ferrous Sulphate BP / USP / FCC
- Dried Ferrous Sulphate Low lead/Low Chromium
- Dried Ferrous Sulphate California Prop 65
- Ferrous Sulphate Heptahydrate 18%
- Ferrous Sulphate DC Grade (60% / 90% / 95%)
- Encapsulated Ferrous Sulphate 60%
- Encapsulated Ferrous Sulphate 60% (Low lead)



## Ferric Pyrophosphate

- Ferric Pyrophosphate 20-22% (Heavy / Light)
- Ferric Pyrophosphate 24-26% (Yellow/White/Brown)
- Ferric Pyrophosphate 24-26% (Micronized 5 $\mu$ m & 10 $\mu$ m)
- Ferric Pyrophosphate Baby Food
- Ferric Pyrophosphate Low Lead
- Encapsulated Ferric Pyrophosphate (Yellow / White)
- Encapsulated Ferric Pyrophosphate Liposomal grade



## Ferric Orthophosphate

- Ferric Orthophosphate 26-28%
- Ferric Orthophosphate Baby Food
- Ferric Orthophosphate Low Lead
- Ferric Orthophosphate (Light / Heavy)
- Ferric Orthophosphate (White / Pink)



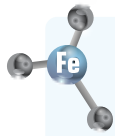
## Phosphate

- Ferric Pyrophosphate
- Ferric Orthophosphate
- Mono Calcium Phosphate Mono Hydrate
- Sodium Aluminum Phosphate
- Sodium Acid Pyrophosphate



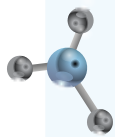
## Sodium Iron EDTA

- Ferric Iron EDTA FCC
- Ferric Iron EDTA Low Lead
- Ferric Iron EDTA (Light Yellow / Dark Olive)



## Iron Powder

Carbonyl Iron Powder (500/325/200/100 mesh)  
Electrolytic Iron Powder (100 / 200 / 500 mesh)  
Electrolytic Iron Powder FCC (325 mesh)  
Reduced Iron Powder (100 / 200 / 500 mesh)  
Reduced Iron Powder FCC (325 mesh)



## Pharma / Injectable grade

Calcium D Saccharate  
Ferrous Gluconate BP/ USP / FCC  
Ferrous Ascorbate BP/ USP  
Ferrous Calcium Citrate  
Ferrous Bisglycinate (10%/15%/20%/23% to 26%)  
Iron Polymaltose  
Iron Sucrose



## Selenium

L - Selenomethionine USP  
L - Selenomethionine 1.25%  
L - Selenomethionine 0.5%  
Selenious Acid USP  
Di Methyl Di Selenate  
Selenium Dioxide USP  
Selenium Sulfide USP Micronized  
Sodium Selenate 41%  
Sodium Selenite 45% / 4.5% / 1%  
Selenium Bisglycinate 10%  
Zinc Selenite / Selenate



## Calcium

Calcium D Saccharate USP  
Calcium D Saccharate USP Low Lead  
Calcium Saccharine  
Dicalcium Phosphate Anhydrous  
Dicalcium Phosphate Anhydrous DC grade  
Dicalcium Phosphate Dihydrate  
Dicalcium Phosphate Dihydrate DC grade  
Tricalcium Phosphate Powder  
Tricalcium Phosphate DC grade  
Calcium Carbonate BP  
Calcium Carbonate EP  
Calcium Carbonate USP  
Calcium Carbonate DC Grade (90% / 92.5%/95%/97%/98%)  
Calcium Propionate  
Calcium Citrate Mono / Anhydrous  
Calcium Citrate Malate  
Calcium Gluconate  
Calcium Orotate  
Calcium Bisglycinate 13% / 18% / 26%  
Encapsulated Calcium Propionate 80%  
Encapsulated Calcium Butyrate 30%



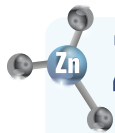
## Magnesium

Magnesium Ascorbate  
Magnesium Aspartate / Dihydrate  
Magnesium Bisglycinate 8% / 10% / 18% / 20%  
Magnesium Carbonate  
Magnesium Citrate Mono / Anhydrous  
Magnesium Glycine Complex  
Magnesium Gluconate  
Magnesium Lactate  
Magnesium L-threonate  
Magnesium Orotate  
Magnesium Pidolate  
Magnesium Sterate



## Chromium

Chromium Bisglycinate 2.5% / 10%  
Chromium Chloride  
Chromium Picolinate USP / 2.5% / 1%  
Chromium Propionate 19%  
Chromium Propionate 10% Powder  
Chromium Propionate 10% Liquid  
Chromium Propionate 0.4%  
Chromium Polynicotinate



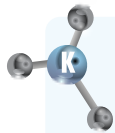
## Zinc

Zinc Picolinate 20%  
Zinc Picolinate Low lead (1 ppm)  
Zinc Picolinate Low lead (0.5 ppm)  
Zinc Citrate  
Zinc Gluconate  
Zinc Orotate  
Zinc Selenite  
Zinc Bisglycinate 10% / 20%



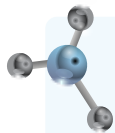
## Iodine

Clioquinol USP (Iodo Chloro Hydroxy Quinoline)  
Di-Iodo hydroxyquinoline  
Iodoform USP  
Potassium Iodide BP / USP  
Potassium Iodate FCC  
Povidone Iodine USP



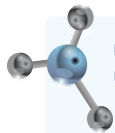
## Potassium

Encapsulated Potassium Chloride 50%  
Encapsulated Potassium Iodide 50%  
Potassium Chloride  
Potassium Gluconate  
Potassium Citrate  
Potassium D Sachharate  
Potassium Bitartrate (Cream of Tartar)  
Potassium Iodide  
Potassium Iodate



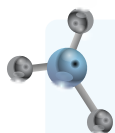
## Choline

Choline L Bitartrate USP / NF  
Choline L Bitartrate USP / NF (Coated)  
Choline DL Bitartrate Food Grade (Coated)  
Choline Bitartrate Granular / Powder  
Choline Chloride 75% Liquid  
Encapsulated Choline Bitartrate 60%  
Encapsulated Choline Chloride 50%



## Saccharate

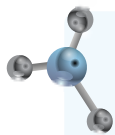
Calcium D Saccharate USP  
Ferrous D Saccharate  
Potassium D Saccharate



## Citrates

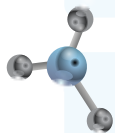
Calcium Mono / Anhydrous  
Magnesium Mono / Anhydrous  
Potassium  
Sodium  
Calcium Citrate Maleate  
Zinc  
Ferric





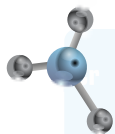
## **Gluconate**

Calcium  
Copper  
Ferrous  
Potassium  
Zinc  
Manganese  
Magnesium



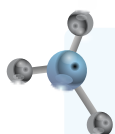
## **Orotates**

Calcium  
Magnesium  
Manganese  
Ferrous  
Copper  
Lithium  
Zinc



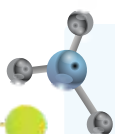
## **Vitamins\***

Alpha Lipoic Acid  
Benfotiamine  
Methylcobalamine  
Thiamine Hydrochloride  
Vitamin B1



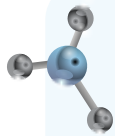
## **Acidifier**

Fumaric Acid USP - NF / FCC / CWS / Micronized / Technical Grade  
Maleic Acid  
Malic Acid  
Tartaric Acid



## **Other Products**

Benzoyl Peroxide  
Cellulose Acetate Phthalate  
Sodium Butyrate



## Micro Encapsulation

Ascorbic Acid 50% / 70% / 75% Non GMO / 85% EC

Citric Acid 50% / 60%

Choline Bitartrate 60%

Choline Chloride 50%

Copper Gluconate 20%

Calcium Propionate 80%

Diuron 60%

Di Potassium Phosphate 60%

Enrofloxacin 25%

Fumaric Acid 60% / 70%

Ferric Pyrophosphate 60% / 70%

Ferrous Fumarate 60% Red

Ferrous Fumarate 60% white

Lactic Acid 80% / 85%

Malic Acid 90%

Magnesium Citrate 50%

Magnesium Oxide 40%

Magnesium Sulphate 50%

Potassium Chloride 50%

Reduced Iron Powder 70%

Sodium Butyrate 30% / 90%

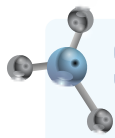
Sodium Propionate 80%

Sorbic Acid 50% / 80% / 85%

Tartaric Acid 50%

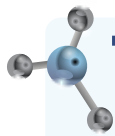
Zinc Oxide 50%

Note : We can make any product as per your need into Encapsulated form, # Customized solutions.



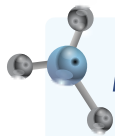
## Sweeteners

Calcium Saccharine Powder  
Sodium Saccharine Insoluble  
Sodium Saccharine USP/BP/FCC  
Sodium Saccharine 8-12 mesh / 20-40 mesh / 40-80 mesh  
Sodium Saccharine Spray Dried



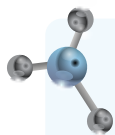
## Tartrate

Antimony Potassium Tartrate  
Cream of Tartar (Potassium Bitartrate)  
DL Tartaric Acid  
Choline L Bitartrate USP / NF  
Choline L Bitartrate USP / NF (Coated)  
Choline DL Bitartrate Food Grade (Coated)  
Choline Bitartrate Granular / Powder



## Amino Acid

Glycine USP - NF / FCC / Technical / 1% Coated  
L - Lysine Mono HCL USP



## Bisglycinate / Amino Acid / Chelates

Calcium 13% / 18% / 26%  
Chromium 2.5% / 10%  
Copper 10%  
Iron 10%/15%/20%/23% - 26%  
Magnesium 8% / 10% / 18% / 20%  
Manganese 16%  
Selenium 10%  
Zinc 10% / 20%  
Mix

**200**  
PRODUCTS

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**10**  
UNITS

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**500**  
PEOPLE



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# Direct Compressible Grade

Direct compressible material provides significant benefits for the production of Tablets & amp; Dietary Supplements One of the advantage of Direct compression is it does not require the use of water or other solvents. This therefore negates potential problems regarding the stability of herapeutic agents in the presence of the solvents. In addition, heating (a costly unit operation) is not required in direct compression.

- **Lubrication is performed in the same vessel as powder mixing, thereby reducing bath transfer losses and contamination of equipment.**

Below are the advantages of our DC grade material.

1. Reduce production cost and saving time by sparing the wet granulation.
2. There is minimal loss of material and cross contamination, while cross contamination is high in wet granulation.
3. Reduce dust formulation, therefore Lower health risk at the plant reduce loss of raw material during process.
4. Tablets produced by direct compression method generally show faster dissolution times than those prepared by wet granulation.

- Ferrous Fumarate DC 60 - 90%
- Dried Ferrous Sulphate DC 60 - 90%

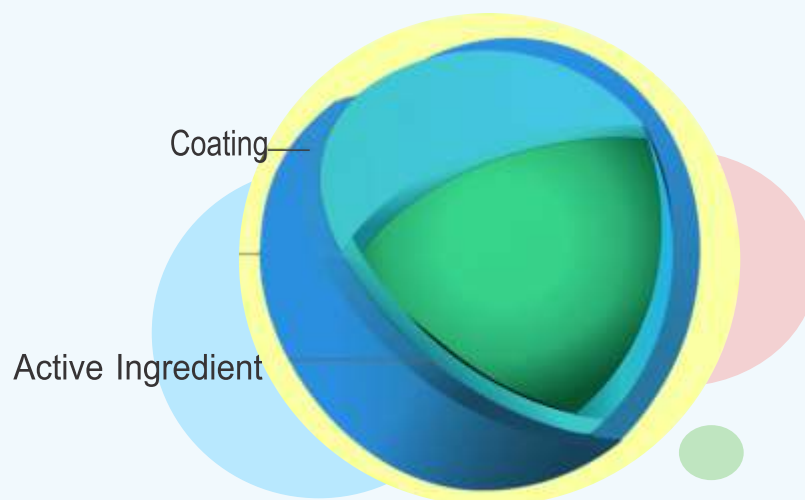


# Microencapsulated Minerals

\* Microencapsulation is a procedure in which dynamic substances are covered by very little cases that has been broadly utilized in the food and pharmaceutical industry. This system can be utilized to decrease the expense of creation, to expand the solidness of mixes, to cover unwanted tastes, and to enhance the discharge properties without changing its natural function.

## Advantages

1. Prevent ingredient interaction Provide ingredient stability
2. Excellent taste masking.
3. Prevent moisture pickup, make ingredients free - flowing and dosing control.
4. Enhance the bioavailability of nutrients.



Note : We can make any product as per your need into Encapsulated form, # Customized solutions.

# Micronized Minerals

Pharmaceuticals and foodstuff ingredients are the main industries in which micritization is recommended. Particles with reduced diameters have higher dissolution rates, which increases efficacy. In addition, special particle structure can also improve the absorption of these minerals.

## Advantages

- Increases their bioavailability which aids in increasing the result or effectiveness.
- less sedimentation.



# Trituration

Trituration is the process by which a micronutrient is standardized on a carrier for better distribution in the final blend, ease of scaling, and homogeneity and our product range contains.

Trituration can be customized to any level of active to carrier ratio or percentage by the blending of micronutrient on a carrier.

## Advantages

- Cost saving in the production process because products can be use for processing directly.
- Easy Dosing
- Homogenous distribution of trace minerals.
- Oder free

## Products

Biotin 1/5% on DCP

Folic Acid 10% on DCP / 10% on Maltodextrin

Molybdenum Citrate

Nickelous Silfate 1%

Potassium Iodide 1/5%

L-Selenomethionine 0.5%

Sodium Selenite 1%

Sodium Selenite 4.5% / 1%

Sodium Metasilicate 1%

Sodium Metavanadate 1%

Sodium Molybdate 1%

Vitamin B12 0.1 / 1/5%

Stannous Chloride 1%



## Ultra-Pure (Baby food & Pharma grade)

Some countries regularity has defined limit of heavy metals like lead, Arsenic, Cadmium & Mercury,

To ensure that the final product don't exceed the legally defined limits, We offer material in below limit which will be suitable for your formulation & fortification.

### Advantages

- Lead : Max. 0.456 ppm (Max 3 ppm)
- Aresnic : Max 1 ppm (Max 3 ppm)
- Cadmium : Max 1 ppm
- Mercury : Max 0.1 ppm

We can customize and control aluminum content as per your requirement in most of our products.

### Applications

- Baby food (Infant formula & toddlers food)
- Dietary supplements for Infant & toddlers
- Pharma Industry.

# OUR PRODUCTS MAKE THIS WORLD A BETTER PLACE

We create products that shape society and the way it functions - making more conscious use of our resources, we strive towards becoming more and more sustainable. Our products not only enhance the lives of the people but our process also protects and respects the planet and its people.

## OUR PRODUCTS APPROVED BY:




**SALVI CHEMICAL**  
INDUSTRIES LTD.

*solid foundations, fresh innovations*



## INNOVATION AND US

A DSIR recognised R&D unit that was established in 2008. Headed by our founder Mr Kantilal Salvi - this department was established for Mr salvi's love for research and innovation.



7500 sq. ft research lab for constant innovation.

We have DSIR, certified government-approved research facilities.



We offer customised development of products as per customer requirement

We do In-house development of all the production technologies in the lab.

We are creating cost-effective technologies through our research and development.

We have a full-stacked library to support all the R&D efforts.

Note :

- 1) Salvi products are not offered in countries where valid patent exist.
  - 2) Product marked with \* are under development.
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## **CORPORATE OFFICE**

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Unit III : E-90, M.I.D.C., Boisar, MH, India.

Unit IV : E-131, M.I.D.C., Boisar, MH, India.

Unit V : 43/44, SEZ, Surat, GJ, India.

Unit VI : 3601, G.I.D.C., Surat, GJ, India.

Unit VII : 1665 / 1666, G.I.D.C., Sarigam, GJ, India.

Unit VIII : 1610/10, G.I.D.C., Sarigam, GJ, India.

Unit IX : D-2, 169, G.I.D.C., Dahej, GJ, India.

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