Antacids

Salts of:

- Aluminium
- Magnesium
- Calcium
- Silica
- Iron
The Company

Meha Chemicals was incorporated with a view to manufacture chemicals, pharmaceuticals and allied products. The company aims specifically to deal in products where INHOUSE EXPERTISE is available. Its human resources have a combined experience of more than 60 years in SALTS OF ALUMINUM, CALCIUM, IRON, MAGNESIUM & SILICA.

The company in support of its marketing, Research & Development activities has a modern cGMP manufacturing plant at Goa, India for its products. In order to meet its market requirements. It is a technology driven company with modern thinking and flexible approach to changing markets & requirements.

Some of the key highlights of its products are:
- Spin and spray Flash Dried, with High Antacid Proerties
- Various Viscosities
- Low Impurities
- California Proposition 65 Compliant grades
- High Acid Neutralizing Capacity
- Various Bulk Densities
- High Surface Area per gram
- Grades: IP/BP/USP/FCC/JP

Formulation Assistance

The company has in-house R&D facilities for granulation and compression trials. Primarily focused on antacid Coblends, Premixes, Tablets formulation development. Since our clients are formulation, we provide assistance to them for development and studies of new formulations. Some of the resources offered to the clients included:

We provide CUSTOMISED PRODUCTS on the following parameters.
- Bulk Density
- Viscosity
- Particle Size
- Granules
- DC/Premix granules
- Micronized
- Co-Dried Powder
- Co-Blend Liquids
- Impurities

Resuspendible Powders

“Only company in India to offer these grades. Some of the benefits are”

<table>
<thead>
<tr>
<th>Benefits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excellent Smooth Mouthfeel comparable with Paste and creamy mouthfeel</td>
<td>Reduces volume handling by 35-67% minimum</td>
</tr>
<tr>
<td>Reduces Losses in the drums because of sticking of the paste.</td>
<td>Less consumption of suspending agents and other excipients.</td>
</tr>
<tr>
<td>Reduces Analysis Cost – Powder Batch size will contain higher Assay content than the paste Batch.</td>
<td>PEACE OF MIND as ASSURED MICROBIAL LOAD. No rejection on account of Micro.</td>
</tr>
<tr>
<td>Direct cost benefit</td>
<td>At least 10% cheaper than equivalent paste product</td>
</tr>
<tr>
<td>Higher batch size as equivalent to paste</td>
<td>Better quality formulation as compared to paste w. r. t. mouthfeel and suspendibility, caking and dosage uniformity</td>
</tr>
</tbody>
</table>
**Actives**

- Aluminium Hydroxide Paste  
  upto 16% w/w Al2O3
- Dried Aluminium Hydroxide Gel  
  BD 0.10 to 0.45 g/cc
- Aluminium Phosphate
- Almagate
- Calcium Hydroxide
- PPT Calcium Carbonate
- Boehmite Gel
- Magaldrate – Powder  
  BD 0.35 to 1.0 g/cc
- Magaldrate – Paste
- Magnesium Trisilicate  
  BD 0.30 to 1.25 g/cc
- Magnesium Hydroxide Paste  
  upto 45% w/w Mg(OH)2
- Magnesium Hydroxide  
  BD 0.20 to 0.70 g/cc
- Magnesium Carbonate
  Light & Heavy
- Hydrotalcite

**Co-Dried Powders**

- Aluminium Hydroxide Magnesium Carbonate CoDried Powders  
  (customized ratio available, available along with Simethicone also)
- Aluminium Hydroxide Magnesium Hydroxide Co-Dried Powders  
  (customized ratio available, available along with Simethicone also)

**Antiflatulant**

- Simethicone Emulsion  
  30 %
- Simethicone  
  100 %
- Simethicone Powder 30% and 50%

**Resuspendible Powders (High Surface area Products)**

- Magnesium Hydroxide
- Dried Aluminium Hydroxide gel
- Aluminium Hydroxide Magnesium Carbonate CO Dried

**Low Bulk Density Material**

- Magaldrate (BD 0.4 – 0.5g/cc 250 taps)
- Magnesium Trisilicate (BD 0.3 – 0.3 g/cc 250 taps)
- Dried Aluminium Hydroxide Gel (BD 0.3 – 0.3 g/cc 250 taps)
Why use your multimillion Dollar Facility for Antacids....... Try our Premixes and DC Granules
Substantial cost savings vs wet granulation process

We control the vital wet granulation parameters of the formulation at our end and hence
the finished product quality is far superior than available in market.

**Premixs**
- Customized as per label claim and tablet weight. Allows customer to protect their
  propriety flavor, sweetness combinations.

**DC ANTACID GRANUES**
Are Pre-formulated Antacid inclusive of lubrication and flavor, customized to Customer's
specification, & is designed for direct compression tablet Formulations or sachets granules.

**DC API's**
- These are individual API's with binders. Allows customer to individually mix the API's as
  per their label claim protect their propriety flavor, sweetness combinations.

**ADVANTAGES:**

<table>
<thead>
<tr>
<th>Higher Batch size</th>
<th>Excellent Flow ability and Mixing properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Superior Compression</td>
<td>Can be used in High Speed tableting machine</td>
</tr>
<tr>
<td>Delivers Uniformity of tablets. No dosage variation &amp; Maximum yield</td>
<td>Higher production security &amp; Efficacy. Avoid Cross contamination &amp; possible mix-up of ACTIVES</td>
</tr>
<tr>
<td>Releases granulation section for other profitable products</td>
<td>Reduction in Inventory. Single Inventory</td>
</tr>
<tr>
<td>Lower manufacturing time leads to higher productivity</td>
<td>Reduction in number of QC tests</td>
</tr>
<tr>
<td>Eliminates cost of wet granulation</td>
<td>Increase in yield of antacid output</td>
</tr>
</tbody>
</table>
# DC / Premix / Tablets

## Premix

<table>
<thead>
<tr>
<th>Premix</th>
<th>Tab wt</th>
<th>Label Claim Per Tablet</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCPPXM200200020</td>
<td>600</td>
<td>DAHG 200 mg, MH 200 mg, Simethicone 20 mg</td>
</tr>
<tr>
<td>MCPPXM200200-30</td>
<td>850</td>
<td>DAHG 200 mg, MH 200 mg, Simethicone 30 mg</td>
</tr>
<tr>
<td>MCPPXM40040040</td>
<td>1200</td>
<td>DAHG 400 mg, MH 400 mg, Simethicone 40 mg</td>
</tr>
<tr>
<td>MCPPXM400400-30</td>
<td>1215</td>
<td>DAHG 400 mg, MH 400 mg, Simethicone 30 mg</td>
</tr>
<tr>
<td>MCPPXM2504000</td>
<td>950</td>
<td>DAHG 250 mg, MH 400 mg</td>
</tr>
<tr>
<td>MCPPXM250250-50</td>
<td>1200</td>
<td>DAHG 250 mg, MH 250 mg, Simethicone 50 mg</td>
</tr>
<tr>
<td>MCPPXMAM200200</td>
<td>550</td>
<td>AH 200, MH 200</td>
</tr>
<tr>
<td>MCPPXCMTS</td>
<td>600</td>
<td>DAHG 120 mg, MTS 250 mg</td>
</tr>
<tr>
<td>MCPPXCMTSDS</td>
<td>1150</td>
<td>DAHG 250 mg, MTS 500 mg</td>
</tr>
<tr>
<td>MCPPXMAG540-40</td>
<td>1200</td>
<td>Magaldrate USP 540 mg Simethicone 40 mg</td>
</tr>
<tr>
<td>MCPPXMAG1080-60</td>
<td>2000</td>
<td>Magaldrate USP 1080 mg Simethicone 60 mg</td>
</tr>
<tr>
<td>MCPPDHAHG500</td>
<td>1065</td>
<td>DAHG 500 mg</td>
</tr>
<tr>
<td>MCPPDM24010060-25</td>
<td>1000</td>
<td>DAHG 240 mg, MH 100 mg, LMC, 60 mg, Simethicone 25 mg</td>
</tr>
</tbody>
</table>

*Customised Label Claim Products Available*

## DC API

### Grade

#### Each g of Premix contains

<table>
<thead>
<tr>
<th>Grade</th>
<th>Dried Aluminium Hydroxide gel 750 mg,</th>
<th>Sucrose 250 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCDDHAHG75S</td>
<td>Magnesium Hydroxide 900 mg,</td>
<td>Starch 50 mg</td>
</tr>
<tr>
<td>MCDCMH905S</td>
<td>Magnesium Trisilicate 750 mg,</td>
<td>Sucrose 250 mg</td>
</tr>
<tr>
<td>MCDCMTS75S</td>
<td>Magaldrate 750 mg,</td>
<td>Sucrose 250 mg</td>
</tr>
<tr>
<td>MCDCMA75S</td>
<td>Calcium Carbonate 900 mg,</td>
<td>Pregelatinised Starch 100 mg</td>
</tr>
<tr>
<td>MCDCCC90S</td>
<td>Calcium Carbonate 900 mg,</td>
<td>Maltodextrine 100 mg</td>
</tr>
<tr>
<td>MCDCCC90M</td>
<td>Hydrotalcite 750 mg,</td>
<td>Sucrose 250 mg</td>
</tr>
<tr>
<td>MCDCHYT75S</td>
<td>Almagate 750 mg,</td>
<td>Sucrose 250 mg</td>
</tr>
</tbody>
</table>

*Customised Label Claim Products Available*
Pre Formulated Antacids—For SSPN

Why use your multimillion Dollar Facility for Antacids......... Try our Coblends
Substantial cost savings

We control the vital viscosity parameters of the formulation at our end and hence the finished product quality is far superior than available in market. No water separation and caking.

**Coblends**

- Customized as per label claim. Allows customer to protect their proprietary flavor, sweetness combinations. GIVES A SMOOTH AND CREAMY MOUTHFEEL

- COBLENDS CAN BE PREPARED EITHER FROM POWDERS OR PASTES WITH NO SEDIMENTATION.

**Suspensions / Concentrates / Coblends**

<table>
<thead>
<tr>
<th>Cobblend Grade</th>
<th>Each 5ml contains</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCCB200200-20</td>
<td>Dried Aluminium Hydroxide gel 200 mg, Magnesium Hydroxide 200 mg, Simethicone 20 mg</td>
</tr>
<tr>
<td>MCCBDM 400400-40</td>
<td>Dried Aluminium Hydroxide gel 400 mg, Magnesium Hydroxide 400 mg, Simethicone 40 mg</td>
</tr>
<tr>
<td>MCCBMAG400-40</td>
<td>Magaldrate 400 mg, Simethicone 40 mg</td>
</tr>
<tr>
<td>MCCBMAG800-60</td>
<td>Magaldrate 800 mg, Simethicone 60 mg</td>
</tr>
<tr>
<td>MCCBMH800</td>
<td>Magnesium Hydroxide 800 mg</td>
</tr>
<tr>
<td>MCCBAPG12.38</td>
<td>Aluminium Phosphate gel (12.38 grms per 20 grams)</td>
</tr>
</tbody>
</table>

*Customised Label Claim Products Available*
Excipients

- Magnesium Stearate
- Calcium Silicate
- Magnesium Aluminium Silicate Hydrate
- Magnesium Sulphate heptahydrate, dihydrate, dried
- Magnesium Chloride
- Magnesium Potassium Asparate
- Magnesium Chelate 40%
- Ferrous Sulphate Heptahydrate
- Dried Ferrous sulphate
- Copper sulphate
- Ferric pyrophosphate

Fine Chemicals

- Aluminium Hydroxide gel for Lake Colors
- Aluminium Hydroxide Amorphous
- Aluminium Phosphates
- Aluminium Sulphate
- Aluminium Hydroxysulphate
- Aluminium Chlorohydrate
- Magnesium Trisilicate - High Surface Area for adsorption
- Magnesium Silicate
- Sorbitol Powder
- Sodium Aluminate liquid and Powder
- Sodium Bicarbonate stable powder
- Poly Aluminium Chloride
- Ferric Chloride (ICHQ3 compliant)
- Psuedoboehmite
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