STABLE BLEACHING POWDER

PRODUCT NAME: STABLE BLEACHING POWDER
CHEMICAL NAME: CALCIUM HYPOCHLORITE
CHEMICAL FORMULA: CA(OCl)₂
PRODUCT PHYSICAL STATE: POWDER

PRODUCT IDENTIFICATION
CAS NO: 7778-54-3
UN NO: 1748
HSCN NO: 2828-10-0

CHEMICAL COMPOSITIONS

<table>
<thead>
<tr>
<th>Contents / Components</th>
<th>Units</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available Chlorine</td>
<td>% w/w</td>
<td>34</td>
</tr>
<tr>
<td>Moisture</td>
<td>% w/w</td>
<td>0.30</td>
</tr>
<tr>
<td>Stability (loss of Chlorine in terms of initial Chlorine)</td>
<td>% w/w</td>
<td>1/15th</td>
</tr>
<tr>
<td>Particle size (Passing through 1.7mm is sieve)</td>
<td>%w/w</td>
<td>99.5</td>
</tr>
</tbody>
</table>

PHYSICAL CHARACTERISTICS
Color: White or Off-white color.

PRODUCT INFORMATION
Production Capacity: 16 to 24 MT/Day
Technology supported by: Nuberg Engineering (Pvt.) Ltd., India.
Packaging & mode of delivery: Bag (25kg), Tin Drum (50kg).

USES AND APPLICATIONS
- Textile industries as bleaching agent.
- Water treatment process as deodorant, bactericide.
- Laundry as bleaching agent.
- Sanitation as washing agent, germicides & deodorant.
- Paper industry as bleaching agent, digesting & oxidizing agent.
- Foods, fats, oil industries as bleach & deodorant.
- For making pharmaceutical solutions & production of chemicals (Pharmaceutical)
- Organic chemical synthesis.
- Epidemic control after flood, sewerage control, mosquito control.
- Effluent (industrial) treatment.
SAFETY ASPECTS

A. Safety Information

- **Toxicity**: Its solution is very harmful for eyes.
- **Defection**: Bleaching Powder or solution has the bleaching odor.
- **Effects**: Solutions & powder are harmful for eye and skin.

B. Handling and Safety Instructions

- Avoid skin or eye contact. If dresses are contaminated wash with water.
  Wash eyes immediately if exposed to dust or solution.
- Wear safety clothing, goggles, mask, shoes etc.

ADDRESSES

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Disclaimer:

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