



Rising to the Challenge ...

Designing Chemicals for a Better Tomorrow !



Certified to ISO 9001:2008 & ISO 14001:2004

**SHIV
SHAKTI**
GROUP

Better Chemicals - Better Tomorrow !

Two young entrepreneurs with the dreams and Ambitions, created **SHIV SHAKTI** in the year 1999. Their vision was to recognize industry needs and provide right mix of products with quality and service.

This single minded focus made SHIV SHAKTI the leading manufacturers' representative for Phenolic products in the country. Today SHIV SHAKTI is the first choice not only for Phenolic products but also for Biocides, Glycols and other chemicals by taking up the challenges of designing **Better Chemicals** for the diverse industrial segments for a **Better Tomorrow**.

Starting with Phenolic products, today SHIV SHAKTI has expanded their horizons to supplying Biocides and Preservatives for Auxiliary Chemicals, Construction Chemicals, Disinfectant Chemicals, Leather Chemicals, Poultry Chemicals and Water Treatment Chemicals.

SHIV SHAKTI has quietly and confidently started spreading its reach towards global companies in UK, USA, Gulf, African countries and more.

The Guarantee of Quality:

Our Facility has been granted ISO 9001:2008 & ISO 14001:2004 certification by UL DQS Inc.

SHIV SHAKTI, as a team, is committed to continuous improvement and always strives to provide quality material with on time delivery. This has kept us in the good books of our clients. Our satisfaction lies within your Qualitative Growth.

SHIV SHAKTI is Positive Energy !

Vision

"To be the Global Supplier of quality chemicals with constant endeavour to produce and deliver to the best of our ability with exceeding expectations of our clients for quality and performance."





Formulas for a Better Tomorrow !

CATEGORIES

AUXILIARY CHEMICALS

BIOCIDES

CONSTRUCTION CHEMICALS

DISINFECTANT CHEMICALS

LEATHER CHEMICALS

PRESERVATIVES

POULTRY CHEMICALS

WATER TREATMENT CHEMICALS



PRODUCT RANGE

Formulas for a Better Tomorrow !

BENZALKONIUM CHLORIDE (BKC 50% & 80%)

- Water Treatment
- Horticulture & Household
- Food & Beverage Industry
- Pharmaceuticals & Cosmetics
- Detergent Sanitizers / Disinfectants
- Textile Industry
- Pulp & Paper Industry

CIT / MIT

- Preservative for
 - Aqueous Coating
 - Polymer Dispersions
 - Surfactants
 - Cleaner
 - Disinfectant
- Dispersions of Adhesives & Thickeners
- Concrete Additives

GLUTERALDEHYDE

- Cold Disinfectant for Health Care Industry
- Biocide in Water Treatment
- Hardener in X-ray Film Processing
- In Tanning as a Fixative (as a fixative in Tanning)
- In Animal Housing for Disinfection (as a Disinfectant in Animal Housing)
- As a Biocide in Aquaculture
- As an Embalming Agent

MIX CRESOL

- Disinfectants
- Oil Additives
- Fiber Preservatives
- Metal Cleaning Compounds
- Surfactants
- Wood Preservatives

PHENOL

- Phenolic Resins
- Plastics
- Fertilizers
- Paints
- Plasticizers
- Rubbers
- Textiles
- Adhesives
- Paper
- Soap
- Wood Preservatives

META CRESOL

- Component in Disinfectants
- Solvents for Dissolving Polymers
- Phenolic Resins
- Pressure Sensitive Dyes
- Agro Chemicals
- Pesticide

ORTHO PHENYL PHENOL (OPP)

- Fungicidal Treatments in:
 - Construction Material & Concrete Additives
 - Cosmetics
 - Disinfectants
 - Dyes
 - Glues & Adhesives
- Rubber Chemicals
- Flame Retardants
- Textile Auxiliaries
- Wood Preservatives
- Carrier / Printing Thickener
- Treatment of Bitumen Isolation Coverings
- Preservation of Whole Citrus Fruit
- Plastic Additives such as Heat Stabilizers



PRODUCT RANGE

Formulas for a Better Tomorrow !

ORTHO BENZYL PARA CHLORO PHENOL (OBPCP)

- Disinfectants / Antimicrobials for Controlling
 - Bacteria & Viruses
 - Algae & Fungi
- Formulation of Disinfectants for use in
 - Hospitals
 - Industries
 - Farms
 - Surgeries
 - Institutions
 - Poultry

PARA CHLORO META CRESOL (PCMC)

- Preservative for
 - Paints
 - Leather Auxiliaries
 - Injectable Formulations
 - Metal Working Fluid Concentrates
 - Dyes Textile
 - Pharmaceuticals

PARA CHLORO META XYLENOL (PCMX)

- Bactericide for
 - Shampoo
 - Glue
 - Bar soap
 - Paints
 - Fiber
 - Leather
 - Paper-making

TURKEY RED OIL (TRO -50%)

- White Disinfectant / Black Disinfectant Fluids
- Textile Surfactants & Wetting Agent
- Cosmetics
- Sugar Industry
- Ink (General Purpose)

GLYCEROL ML (CRUDE)

- Ceramic
- Construction Chemicals
- Leather
- Textile

MIX GLYCOLS

- Coolant
- Ceramic
- Leather

MIX SOLVENT

- Thinner
- Wood Preservative
- Resin
- Cleaning Purpose

PINE OIL

- White Phenyle
- Fertilizer Spray
- Paints

LIGHT CREOSOTE OIL

- Wood Preservatives
- Black Phenyle / Disinfectants

MONO CHLORO PHENOL

- Black Phenyle / Black Disinfectant Fluids
- Agro Chemicals

GLYCOL (MEG, DEG, TEG, PEG)

- Coolant
- Leather
- Ceramic



PRODUCT RANGE

Formulas for a Better Tomorrow !

RAW MATERIALS FOR BLACK PHENYLE

LIGHT CREOSOTE OIL

- Dark brown liquid
- Naphthenic Odour
- Sp. Gravity : 0.98 ~ 1.1
- Tar acid % : 5% ~ 15 %

MONO CHLORO PHENOL

- Pale yellow liquid
- Phenolic Odour
- Sp. Gravity : 1.30 ~ 1.32
- Rwc : 60 ~ 65

RWC BOOSTER

- Yellow Liquid
- Phenolic Odour
- RWC : 200+
- Density : 1.17 ~ 1.19

OBPCP

- Off White to Pale Yellow Solid
- Density : 1.22
- Assay : 98% min
- Solubility (20°C) : Water – 0.5 g/l, Ethanol →300 g/l
- RWC : 400+

PCMC

- White to Off white crystalline powder
- Assay (by G.C) : 99 % +
- Density (@ 70 c) : 1.12
- RWC : 450+
- Soluble in most organic solvents

CHLORINATED XYLENOL

- Dark Brown Color
- Phenolic Odour
- Sp. Gravity : 1.21 ~ 1.25
- RWC : 110 ~ 120
- Total Chlorine contents : 27% ~ 30%

PARA CHLORO META XYLENOL

- White or Off white Crystal powder
- PCMX : 98% min (HPLC)
- RWC : 400+

MANUFACTURING PROCESS OF BLACK PHENYLE

Quantity to be taken of Raw Material

1. Soap Solution 20% (Rosin, Castor Oil, Caustic Soda and Normal Water)
2. Light Creosote Oil 13%
3. Mono Chloro Phenol 10%
4. Water 57%

- Take Rosin and Castor Oil & heat till the mixture becomes like oil
- Make caustic soda solution and add to above mixture
- After addition of caustic solution heat the mixture till it becomes like soap
- Take the sample on paper and it should not leave any oily stain on it, or else continue heating
- Then add water and make it like liquid soap
- Stop Heating and add LCO and Mono Chloro Phenol
- Instead of Mono Chloro Phenol you can add RWC Booster or OBPCP or PCMC or Chlorinated Xylenol or Para Chloro Meta Xylenol



PRODUCT RANGE

Formulas for a Better Tomorrow !

RAW MATERIALS FOR WHITE PHENYLE

EMULSIFIER OP-95

Brownish yellow jelly
Characteristic odor
Sp. Gravity : 0.96
Natural cosmetic chemical
Anionic with NP 9.5 mole
pH : 8 ~ 9
Miscible in water giving milky emulsion

PINE OIL

- Pale Yellow Clear Liquid
- Specific Gravity @ 20C : 0.8700 ~ 0.8750
- Terpene Alcohol % w/w : 30 % ~ 32 %
(By Dehydration Method)
- Ash content : Nil

MANUFACTURING PROCESS OF WHITE PHENYLE

Quantity to be taken of Raw Material

- | | |
|-----------------------|-----|
| 1. Pine Oil | 65% |
| 2. Perfume (Optional) | 3% |
| 3. Emulsifier OP-95 | 30% |
| 4. RWC Booster | 2% |

- Pour Pine Oil in a Vessel
- Mix Perfume with Pine Oil
- Add Emulsifier OP-95 and stir both materials
- Solution should be Clear Transparent
- Now add RWC Booster and again stir properly
- Solution will be clearer and may change the color little bit
- You may also add Di phenyl Oxide (DPO) or Citronella for the different fragrance
- At last add Water

During the whole process please maintain stirring at constant rate, upto 1 hour which will result in white milky phenyl.

You may also use OBPCP, PCMC, Chlorinated Xylenol or PCMX instead of RWC Booster.

Perfumes Available: Rose, Lemon, Lavender, Orange & Mogra



Quality & Environment Policy

“SHIV SHAKTI Group is committed to achieve qualitative growth of our clients. We provide required quality material in right time to the satisfaction of our client.

We believe in incorporating awareness and education among our employees and clients for various usages of products.

We shall ensure compliance to all legal, regulatory & related requirements.

We are committed to conserve natural resources and strive to reduce material and energy consumption in best possible way.

We shall achieve set objectives by continual improvement in QEMS.”



Marketed by:



SHIV SHAKTI
TRADING CORPORATION

103-A, Windsor Plaza, R.C. Dutt Road, Alkapuri,
Vadodara - 390007, Gujarat, INDIA.

Phone : +91 265 6547120 / 6533859
Fax : +91 265 2353135

email : sstc@shivshaktiindia.com
sstc18b@gmail.com
Web : www.shivshaktiindia.com