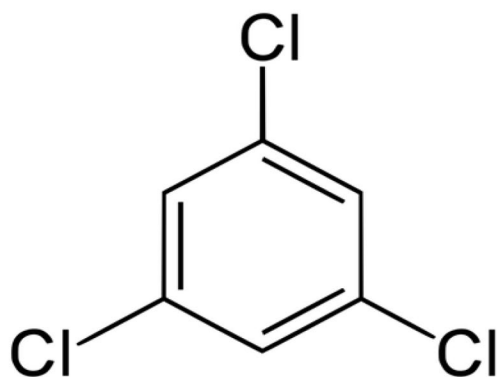


# INDUSTRIAL CHEMICALS



## Chlorination Process

# 1-2-4 TRICHLORO BENZENE



At Manusolv, we distribute top-tier 1-2-4 Tri Chloro Benzene, our commitment to quality ensures that you receive a reliable product on which you can depend on.

## APPLICATIONS

Manufacturing of:

- In Herbicide (Dicamba)
- Dyes Intermediates.

(CAS.NO.-120-82-1)

## ADVANTAGES

Manusolv Chemicals guarantees a minimum purity of 99.9 % of 1-2-4 Tri Chloro Benzene.

## PACKAGING

- MS/HDPE Drums 250 kgs
- ISO Tank
- Tanker Load

## MOQ

- 20 ft Full Container Load

## CONTACT DETAILS

Phone : +1 203-285-7387

Email : [sales@manusolv.com](mailto:sales@manusolv.com)

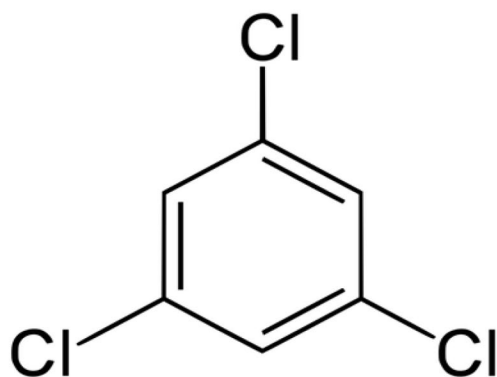
Website : [www.manusolv.com](http://www.manusolv.com)

## SPECIFICATIONS

Sr. No	Characteristic	Specifications
1	Physical Appearance	Clear Colorless Liquid
2.	Purity	Min 99.9%
3.	Specific Gravity	1.45

1-2-4 TRI CHLORO BENZENE

# 1-2-4 TRICHLORO BENZENE



At Manusolv, we distribute top-tier 1-2-4 Tri Chloro Benzene, our commitment to quality ensures that you receive a reliable product on which you can depend on.

## APPLICATIONS

Manufacturing of:

- In Herbicide (Dicamba)
- Dyes Intermediates.

(CAS.NO.-120-82-1)

## ADVANTAGES

Manusolv Chemicals guarantees a minimum purity of 99.9 % of 1-2-4 Tri Chloro Benzene.

## PACKAGING

- MS/HDPE Drums 250 kgs
- ISO Tank
- Tanker Load

## MOQ

- 20 ft Full Container Load

## CONTACT DETAILS

Phone : +1 203-285-7387

Email : [sales@manusolv.com](mailto:sales@manusolv.com)

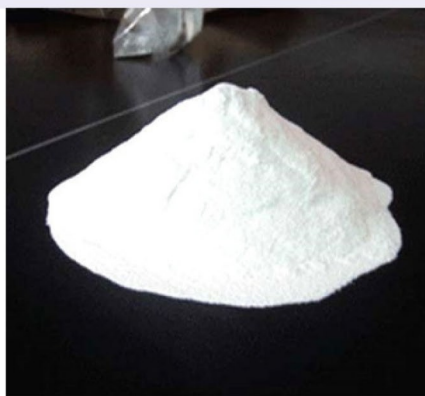
Website : [www.manusolv.com](http://www.manusolv.com)

## SPECIFICATIONS

Sr. No	Characteristic	Specifications
1	Physical Appearance	Clear Colorless Liquid
2.	Purity	Min 99.9%
3.	Specific Gravity	1.45

1-2-4 TRI CHLORO BENZENE

# CALCIUM CHLORIDE POWDER



At Manusolv, we distribute top-tier Calcium Chloride Powder, our commitment to quality ensures that you receive a reliable product on which you can depend on.

## APPLICATIONS

Applications are:

- Deicing
- Drying Agent
- Concrete Setting Accelerator
- Brine for Refrigeration
- Oil & Gas Drilling

## SPECIFICATIONS

Sr. No	Characteristic	Specifications
1.	Physical Appearance	White Powder
2.	CaCl <sub>2</sub>	94-97%
3.	NaCl	Max. 3%
4.	Iron as Fe	100 ppm
5.	pH of 1% aqueous solution	> 7
6.	Ca (OH) <sub>2</sub> % by mass	Max. 0.25
7.	Matter insoluble in water(% by mass)	Max. 0.25

(CAS.NO.-10043-52-4)

## ADVANTAGES

- **Powerful Deicer:** Effectively tackles snow and ice at lower temperatures, ensuring safer walkways and roadways throughout winter
- **Versatility Champion:** From accelerating concrete curing to controlling dust on construction sites, calcium chloride prills offer a range of industrial applications

## PACKAGING

- 25 - 50 Kgs HDPE Bags
- 1000 Kgs Jumbo Bag

## MOQ

- 20 ft Full Container Load

## CONTACT DETAILS

Phone : +1 203-285-7387

Email : [sales@manusolv.com](mailto:sales@manusolv.com)

Website : [www.manusolv.com](http://www.manusolv.com)

CALCIUM CHLORIDE POWDER



# CALCIUM CHLORIDE PRILLS 94%



(CAS.NO.-10043-52-4)

## ADVANTAGES

- **Powerful Deicer:** Effectively tackles snow and ice at lower temperatures, ensuring safer walkways and roadways throughout winter
- **Versatility Champion:** From accelerating concrete curing to controlling dust on construction sites, calcium chloride prills offer a range of industrial applications

At Manusolv, we distribute top-tier Calcium Chloride Prills 94%, our commitment to quality ensures that you receive a reliable product on which you can depend on.

## APPLICATIONS

Applications are:

- Deicing
- Drying Agent
- Concrete Setting Accelerator
- Brine for Refrigeration
- Oil & Gas Drilling

## PACKAGING

- 25 - 50 Kgs HDPE Bags
- 1000 Kgs Jumbo Bag

## MOQ

- 20 ft Full Container Load

## CONTACT DETAILS

Phone : +1 203-285-7387

Email : [sales@manusolv.com](mailto:sales@manusolv.com)

Website : [www.manusolv.com](http://www.manusolv.com)

## SPECIFICATIONS

Sr. No	Characteristic	Specifications
1.	Physical Appearance	White Prills
2.	Prill Size	1-4 mm
3.	CaCl <sub>2</sub>	94-97%
4.	NaCl	Max. 3%
5.	Iron as Fe	100 ppm
6.	pH of 1% aqueous solution	> 7
7.	Ca (OH) <sub>2</sub> % by mass	Max. 0.25
8.	Matter insoluble in water(% by mass)	Max. 0.25

CALCIUM CHLORIDE PRILLS

# CHLORINATED PARAFFIN



(CAS.NO.-63449-39-8)

## ADVANTAGES

- Manusolv Chemicals guarantees excellent Heat Stability of Chlorinated Paraffin and lower volatile loss there by increasing yield.

At Manusolv, we distribute top-tier Chlorinated Paraffin, our commitment to quality ensures that you receive a reliable product on which you can depend on.

## EXCLUSIVE FEATURES

- Pure HNP Base
- Heat Stability
- Excellent Flame retardant properties
- Low volatile los

## APPLICATIONS

Major Consuming Industries :

- Secondary Plasticiser in PVC compounding, Pipes & Hoses, Cable Compound, Footwear.
- Additive in Lubricating Oils
- Additive in special grades of paints

## SPECIFICATIONS

Sr.No	Characteristic	Specifications
1.	Grade	CP - 50 to 52
2.	Chlorine, %	50 to 52
3.	Appearance	White to Pale Yellow viscous liquid
4.	PH	6.0 to 6.5
5.	Sp. Gravity at 27C	1.280 + 0.01
6.	Colour (HU) Max.	50
7.	Volatile loss 130°C/3 Hrs. % Max.	1.0
8.	Viscosity at 27°C (Poise)	18+6
9.	Refractive Index at 27°C	1.506+0.002
10.	Carbon Content	C14 - C17

## PACKAGING

- 250 KGS. UN Approved HDPE Barrels
- Tanker Load

## MOQ

- 20 ft Full Container Load

## CONTACT DETAILS

Phone : +1 203-285-7387

Email : [sales@manusolv.com](mailto:sales@manusolv.com)

Website : [www.manusolv.com](http://www.manusolv.com)

CHLORINATED PARAFFIN



# CHLORINATED PARAFFIN



At Manusolv, we provide top-tier Chlorinated Paraffin 60, our commitment to quality ensures that you receive a reliable product on which you can depend on.

## EXCLUSIVE FEATURES

- Pure HNP Base
- Heat Stability
- Excellent Flame retardant properties
- Low volatile loss

## APPLICATIONS

Major Consuming Industries :

- Secondary Plasticiser in PVC compounding, Pipes & Hoses, Cable Compound, Footwear.
- Additive in Lubricating Oils
- Additive in special grades of paints

## SPECIFICATIONS

Sr.No	Characteristic	Specifications
1.	Grade	CP - 60
2.	Chlorine, %	60 to 62
3.	Appearance	White to Light Yellow viscous liquid
4.	PH	6.0 to 6.5
5.	Sp. Gravity at 27C	1.40 + 0.01
6.	Colour (HU) Max.	70
7.	Volatile loss 130°C/3 Hrs. % Max.	1.0
8.	Viscosity at 27°C (Poise)	1100+300
9.	Refractive Index at 27°C	1.520+0.002
10.	Carbon Content	C14 - C17

(CAS.NO.-63449-39-8)

## ADVANTAGES

- Manusolv Chemicals guarantees excellent Heat Stability of Chlorinated Paraffin and lower volatile loss there by increasing yield.

## PACKAGING

- 250 KGS. UN Approved HDPE Barrels
- Tanker Load

## MOQ

- 20 ft Full Container Load

## CONTACT DETAILS

Phone : +1 203-285-7387

Email : [sales@manusolv.com](mailto:sales@manusolv.com)

Website : [www.manusolv.com](http://www.manusolv.com)

CHLORINATED PARAFFIN

# HYDROCHLORIC ACID



At Manusolv, we provide top-tier Hydrochloric Acid, our commitment to quality ensures that you receive a reliable product on which you can depend on.

## EXCLUSIVE FEATURES

- Colourless and Corrosive liquid
- Stable even at high temperature
- Low Iron content

## APPLICATIONS

Major Consuming Industries :

- Steel pickling and scale removal
- Water treatment
- Ore refining
- Food processing
- Manufacture of Chlorine Dioxide
- Activation of Petroleum wells
- Catalyst in Organic process
- Removal of heavy metal from Carbon Black and Activated Carbon
- Leaching Alumina from Crystalline Zeolites
- Hydrolyzing agent

## SPECIFICATIONS

Sr. No	Characteristic	Specifications
1	Hydrochloric Acid (as HCl)	30.00 % min
2.	Iron (as Fe )	1.00 max ppm
3.	Free Chlorine & Bromine	0.0020 % max

(CAS.NO.-7647-01-0)

## ADVANTAGES

- Manusolv Chemicals guarantees a minimum purity of 30% HCL.
- Our rigorous quality control ensures consistent performance in every batch.

## PACKAGING

- MS Rubber lined Road Tankers
- 35 kg Carboys for Export
- 265 kg HM - HDPE Barrels for Export

## MOQ

- 20 ft Full Container Load

## CONTACT DETAILS

Phone : +1 203-285-7387

Email : [sales@manusolv.com](mailto:sales@manusolv.com)

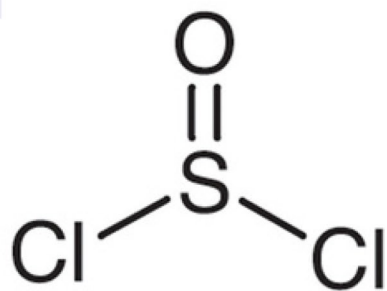
Website : [www.manusolv.com](http://www.manusolv.com)

HYDROCHLORIC ACID



# META DICHLORO BENZENE 70%

(CAS.NO.-63697-17-6)



At Manusolv, we provide top-tier Meta DiChloro Benzene 70%, our commitment to quality ensures that you receive a reliable product on which you can depend on.

## APPLICATIONS

Applications are:

- Herbicide and Insecticide Production
- Pharmaceutical and Dye Production

## SPECIFICATIONS

Sr. No	Characteristic	Specifications
1.	Physical Appearance	Colorless Liquid
2.	Purity	75.00%
3.	Formula	C6H4CL2
4.	Molecular Weight	147

## ADVANTAGES

- Manusolv Chemicals guarantees a minimum purity of 75.00 % of Meta DiChloro Benzene.

## PACKAGING

- ROAD TANKER
- UN APPROVED ISO TANKS
- MS DRUMS

## MOQ

- 20 ft Full Container Load

## CONTACT DETAILS

Phone : +1 203-285-7387

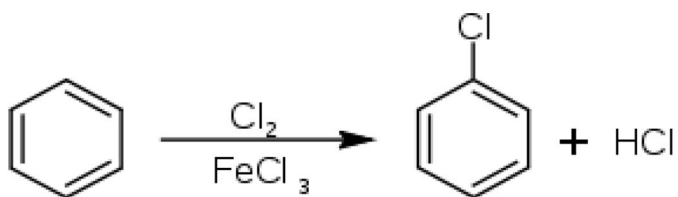
Email : [sales@manusolv.com](mailto:sales@manusolv.com)

Website : [www.manusolv.com](http://www.manusolv.com)

META DICHLORO BENZENE

# MONO CHLORO BENZENE

(CAS.NO.-108-90-7)



## ADVANTAGES

- Manusolv Chemicals guarantees a minimum purity of 99.9 % of Mono chlorobenzene.

At Manusolv, we distribute top-tier Mono Chloro Benzene, our commitment to quality ensures that you receive a reliable product on which you can depend on.

## APPLICATIONS

Manufacturing of:

- Pesticides
- Agro Chemicals
- Speciality Chemicals
- Pigment
- Dyes Intermediates
- Engineering Plastic.

## PACKAGING

- MS/HDPE Drums
- ISO Tank
- Tanker Load

## MOQ

- 20 ft Full Container Load

## CONTACT DETAILS

Phone : +1 203-285-7387

Email : [sales@manusolv.com](mailto:sales@manusolv.com)

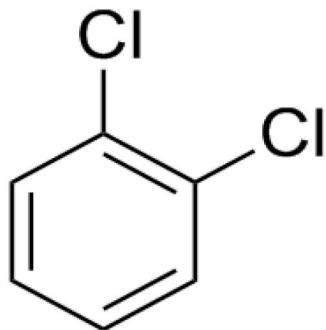
Website : [www.manusolv.com](http://www.manusolv.com)

## SPECIFICATIONS

Sr. No	Characteristic	Specifications
1	Physical Appearance	Clear Colorless Liquid
2.	Purity	Min 99.9%
3.	Moisture	300 PPM (Max.)
4.	Di-Chloro Benzene	0.07% Max.
5.	Benzene	0.05% Max.

MONO CHLORO BENZENE

# ORTHO DI CHLORO BENZENE



At Manusolv, we provide top-tier Ortho DI Chloro Benzene, our commitment to quality ensures that you receive a reliable product on which you can depend on.

## APPLICATIONS

Manufacturing of:

- Solvent while making TDI
- Pigment
- Pharma Intermediates

(CAS.NO.-95-50-1)

## ADVANTAGES

- ORTHO DI CHLORO BENZENE is a preferred solvent for dissolving and working with fullerenes.
- ORTHO DI CHLORO BENZENE is a useful precursor chemical in the synthesis of some agrochemicals.

## PACKAGING

- 250 Kg GI/HMHDPE Drums
- ISO Container
- Road Tanker

## MOQ

- 20 ft Full Container Load

## CONTACT DETAILS

Phone : +1 203-285-7387

Email : [sales@manusolv.com](mailto:sales@manusolv.com)

Website : [www.manusolv.com](http://www.manusolv.com)

## SPECIFICATIONS

Sr. No	Characteristic	Specifications
1	Physical Appearance	Colorless Liquid
2.	Assay, by GLC	99.50% Min
3.	Moisture	300 PPM Max
4.	PDCB	0.3% Max

ORTHO DI CHLORO BENZENE



# SODIUM HYPOCHLORITE

(CAS.NO.-7681-52-9)

## ADVANTAGES

- The Material is having higher stability and purity.
- Our rigorous quality control ensures consistent performance in every batch.

## PACKAGING

- In Tanker Load
- UN Certified IBC Tank

## MOQ

- 20 ft Full Container Load

## CONTACT DETAILS

Phone : +1 203-285-7387

Email : [sales@manusolv.com](mailto:sales@manusolv.com)

Website : [www.manusolv.com](http://www.manusolv.com)



At Manusolv, we provide top-tier Sodium Hypochlorite, our commitment to quality ensures that you receive a reliable product on which you can depend on.

## EXCLUSIVE FEATURES

- Sodium hypochlorite is an excellent sterilizer, oxidizer, and decoloring agent.
- Strong Disinfectant

## APPLICATIONS

Major Consuming Industries :

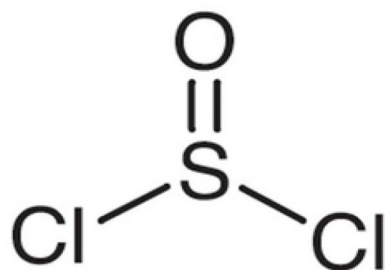
- SBleaching agent for rayon pulp and paper, cotton, linen and jute.
- Disinfectant in dairies and creameries
- Water treatment (Chlorination)
- Pool Chlorination
- Household bleach
- Germicide
- Fungicide

## SPECIFICATIONS

Sr. No	Characteristic	Specifications
1	Sp. Gravity (15°C/4°C)	----
2.	Available Chlorine	40 to 200 gpl
3.	NaOH	>5.0 gpl

SODIUM HYPOCHLORITE

# THIONYL CHLORIDE



At Manusolv, we distribute top-tier Thionyl Chloride, our commitment to quality ensures that you receive a reliable product on which you can depend on.

## APPLICATIONS

Applications are:

- Production of Organochlorine
- Pharmaceutical Industry
- Pesticide Industry
- Dye Industry

## SPECIFICATIONS

Sr. No	Characteristic	Specifications
1.	Physical Appearance	Colourless to Pale Yellow Liquid
2.	Purity	Min 99.60
3.	Formula	SOCL2
4.	Specific Gravity	1.64

(CAS.NO.-7719-09-7)

## ADVANTAGES

- **Efficient Chlorination:** Thionyl chloride effectively introduces chlorine atoms into organic molecules, making it a valuable tool for various syntheses.
- **Easy to Use:** As a liquid at room temperature, thionyl chloride is convenient to handle and integrate into laboratory processes.
- **High-Purity Products:** The ease of removing byproducts can contribute to obtaining high-purity chlorinated products.

## PACKAGING

- ROAD TANKER
- UN APPROVED ISO TANKS
- MS DRUMS

## MOQ

- 20 ft Full Container Load

## CONTACT DETAILS

Phone : +1 203-285-7387

Email : [sales@manusolv.com](mailto:sales@manusolv.com)

Website : [www.manusolv.com](http://www.manusolv.com)

THIONYL CHLORIDE