



**United
Chemicals**

Manufactures & Deals in:

**C.P.W, D.O.P, M.C.L, TWIST &
all kinds of PVC Raw Materiels**

AN ISO 9001: 2015 CERTIFIED COMPANY



ABOUT US

35 Years of Pioneering Service to industries with a legacy of 35 years. Unitec Chemical industries is pioneering in the field of fine Chlorinated Paraffin (CPW). Our dedication to magnificence and quality is proceeding with methodology to convey the finest and the best, making benchmarks and track record of unparalleled execution. Presently we are catering to a large chunk of market demand with production of 25000 metric tones every year and to be expanded to 35000 metric tones. United Chemicals a producer of Chlorinated Paraffin used in plastic and rubber industry.



After a long and successful journey in the field of PVC compounding and in a bid to expand our entrepreneurial instincts. We have setup a backward integrated plant at Delhi to produce Chlorinated Paraffin (CPW). Hydrochloric Acid (HCL 30% to 35%) and Sodium Hydrochloride for various industries such as Plastic Rubber, Wire and Cable, Textile, Glass, F&B, Cosmetics, Pharma, Automotive Engine Lubricant etc.



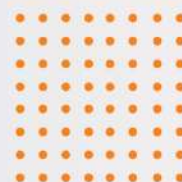
VERSATILE FUNCTION

United Chemicals Chlorinated Paraffins belongs to a group of Chlorinated Hydrocarbons having straight carbon chain lengths (CH) with Carbon number from C_7 onwards.

United Chemicals manufacturing the controlled Chlorination of carefully selected paraffins of required carbon chain lengths.

Chlorinated Paraffins is available in various grades having Chlorine content varying from 28% - 70%. Different grades of CPW can be used for different applications.





MISSION & VISSION

We at United Chemicals always deliver what we promise to our clients in totality and in the process win their unwavering faith in our deliverance. In the quest of this Companies mission. We at United Chemicals never fail to remember to abide by our set code of conduct. Which is our brightest guiding light in our journey to accomplish and unmatched market position.

EXPORT

With phenomenal client base in India. We have expanded our horizons by exporting CPW to various neighboring countries. We understand that every market has different demands. Therefore, before entering to any particular market. We evaluate the market and develop a comprehensive plan of execution with up to the minute manufacturing facility form quality control. We leave no stone unturned to satisfy our customers.

QUALITY

In sync with the company's viewpoint of reaching complete customer satisfaction the standard directions provided at different manufacturing services of the group work on a zero-threshold policy towards defective materials and processes. Only those lots which entirely adhere to the quality standards are allowed to go, while even a small change from the estimated level results I immediate ejection for the defective lots.

PROPERTIES

APPEARANCE : Nearly colourless to pale yellow clear and viscous liquid.

ODOUR : Almost odourless having slightly characteristic odour.

SOLUBILITY : Practically insoluble in water and glycerin soluble in may organic solvents.

Slightly soluble in alcohol; Soluble in aromatic hydrocarbons, aliphatic hydrocarbons, ketones, esters, vegetable and animal oils miscible with benzene, chloroform, ether, carbon tetrachloride.

ACCOLADES & CERTIFICATIONS

Acceptance and recognition by leading industries in India who regularly use our Chlorinated Paraffin (CPW). ISO 9001:2008 accreditation.

APPLICATION

Chlorinated Paraffin are straight chain hydrocarbons that are manufactured by chlorinating the paraffins. Chlorinated Paraffins are made by chlorinating paraffin fraction obtained from petroleum distillation. Chlorinated Paraffin are classified according to their carbon-chain length (SCCP, MCCP & LCCP) and percentage of chlorination. Carbon-chain lengths generally range from C-10 to C-30 and chlorination ranges from approximately 35% to greater than 70% by weight. The three most common commercial feedstock used are paraffin with carbon number ranges of: Short - chain (C10-13), Medium chain (C14-17) and Long-chain (C18-30). It is used as secondary plasticizer of PVC and as a plasticizer, flame retardant for rubber compounding, paints, coatings, adhesives, sealants, also used as a metal working fluids, cutting fluids, etc.



Characteristics & Properties:

- Increases the flexibility of the material
- Increases the flame retardancy properties
- Improves resistance to water and chemicals
- Low temperature flexibility
- Viscosity regulator for plastisol
- Low volatility, good stability and non-flammability

Application & Usage:

- Used as a secondary plasticizer for PVC resins, plasticizer extender in synthetic rubber, chlorinated rubber, nitrocellulose polystyrene, etc.
- Used in the manufacture of PVC cables & wires as a cost-effective substitute for expensive plasticizers like DOB, DBP etc.
- Used in manufacture of PVC hoses, pipes, insulation tapes, PVC footwear, floor tiles and other flexible products.
- Used as a pressure additive to the metal working oil / lubricants used in the metal working industries.
- Used in the manufacture of Rexine cloths and in treatment of textiles, particularly for fireproof finishing and for waterproofing of natural fabrics.
- Used in the manufacturing of sealants. Mastics, fireproof paints and emulsion paints to improve resistance to water and chemicals.



Paraffin	Product Grades	Specific Gravity at 30°C	Chlorine, % (m/m)	Colour (HU), Max	Viscosity at 25°C, Poise	Volatile loss % at 18°C/4Hr Max
NP	1500	1480 - 1500	68 - 70	100	401 - 500	1
	1450	1430 - 1450	65 - 68	100	201 - 400	2
	1400	1390 - 1410	62 - 65	100	50 - 200	3
	1350	1330 - 1350	55 - 59	80	10 - 40	5.0
	1300	1285 - 1310	51.5 - 59	80	8 - 20	6
	1280	1270 - 1285	50 - 51.5	80	5 - 15	7
	1200	1180 - 1210	40 - 45	80	0.3 - 2.0	18
NP	1400	1390 - 1410	62 - 65	100	200 - 600	3
	1350	1330 - 1350	55 - 59	100	20 - 60	2.5
	1300	1285 - 1310	51.5 - 55	100	15 - 40	3
	1280	1270 - 1285	50 - 51.5	100	10 - 20	3.5
	1250	1220 - 1250	43 - 45	100	3 - 6	8
	1200	1160 - 1210	40 - 45	100	1 - 6	8

- ✓ Specific Grades can be tailor made as per customer requirement.
- ✓ These specifications may deviate slightly depending on origin of paraffins.

PACKAGING:

Product is available in 250 kg HDPE / MS Drums, IBCs, Road Tankers and ISO Tanks, Specific packaging options are arranged as per customer requirements.

HANDLING AND STORAGE:

The product should be stored in cool, dry and well-ventilated area. Keep product tightly sealed in original containers when not in use. Avoid contact with eyes, skin and clothing. This product may cause irritation to skin. Use proper PPE to avoid direct contact. Do not inhale product fumes. Keep product away from incompatible material.

SAFETY DATA:

For more information, please refer Safety Data Sheet.

We are



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