



CHLORINATED PARAFFIN “PAYCHLOR “SERIES

Secondary plasticizer for PVC and as a plasticizer, Flame retardant etc. for Rubber compounding, Paints, Coatings, Adhesives, Sealants, also used as a Metal working Fluids, cutting fluids etc.

Chemical Description Chemical name : Chlorinated Paraffin
 Product Brand Name: “PAYCHLOR”
 Grade : “PAYCHLOR” K-52

Product Specification:

S.NO.	Characteristics	Unit	Value
1	Colour	Hazen	30 max
2	Specific gravity @27°C	-	1.30 ± 0.02
3	Viscosity @27°C	Poise	< 12
4	Chlorine content	%	52 ± 2
5	Volatile loss @180°C/4 hours (maximum)	%	NA
6	Heat stability @ 180°C /20 minutes		Yellow
7	Free chlorine	%	NIL

Properties : ” Payal” manufactures the chlorinated paraffin’s with brand name of “PAYCHLOR “ D and K Series comprises 36 % to 62 % in view of chlorination .These “Paychlor” chlorinated paraffin’s are transparent viscous liquid and colourless to slightly yellowish in colour. Chlorinated paraffin’s are insoluble in water but soluble in aromatic solvents like benzene, toluene etc.

Applications:

Chlorinated paraffin's are mainly used as secondary plasticizer in PVC compounding industry in combination with primary plasticizers like DBP, DOP, and DINP etc. It increases the fire retardency and decreases the formulation cost as well as it also imparts lubricity during processing and imparts improved water and chemical resistance to finished product.

CP also used as a flame retardant in rubber compounding industry.

CP used as plasticizers in paints, adhesives, sealants and coating industries.

Nowadays CP use has been increased in textiles & fabric industry where they have specific requirements of improved fire retardency and resistance against water, chemical and microbial degradation.

Now CP also has a huge application in metal cutting industries and used as extreme pressure additive cum lubricants during machining.

Packaging and Storage: CP is packed in 250kg/265kg HDPE/Iron drums or in 20-22MT Flexi tank/ ISO tank/ Road tankers. It is stored in tightly closed containers in a cool, dry and ventilated area.

Note – Kindly keep away from direct Sun light and high temperature areas to avoid the darkening in product.

Safety: The MSDS can be provided on request.

Disclaimer :Information in this publication is believed to be accurate and is given in good faith but during processing and formulation there are so many factors which may affects the desired application results of chlorinated paraffin's ,so these data neither imply any guarantee of certain properties nor the suitability of the product for specific applications. Any data given in this publication may change without prior information and do not constitute the agreed quality of our product.

“We stretch ourselves to give you flexibility “

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