PRODUCT DATA SHEET

For further information or assistance, contact: NCP Chlorchem Specialities Division
PO Box 150 Kempton Park 1620 • Tel: 011 921 3334 Fax: 011 976 4736

CHLORINATED PARAFFIN (PLX)

PLX is a clear, pale-yellow liquid and is derived from the chlorination of n-paraffin (14-17).

APPLICATION

PLX is used widely as a secondary plasticizer in flexible PVC compounds notable cable, footwear, hosing, conveyor belting, coated fabric and profiles. In these applications, it can be used to partially replace more expensive primary plasticisers. In compounds with flame retardant requirements, PLX is used to replace more expensive primary flame-retardants.

An important benefit of PLX is its ability to reduce the unit cost of flexible PVC compounds. The correct reformulation with PLX produces PVC compounds with comparable physical properties: softness, hardness, tensile strength, elongation at break and others, as well as heat aged retention of physical properties.

TYPICAL PROPERTIES

Appearance :	Is a clear; pale yellow mobile liquid
% Chlorine :	50-52
Specific gravity :	1,23 – 1,28
Viscosity (cps at 20°C) :	550 - 2350

STABILITY

Heat Stability (4h at 175 degrees Celsius as HCL evolved) maximum 0,3% m/m.

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SHELF LIFE

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Two years provided the product is stored and handled according to conditions stipulated on the SDS.

TECHNICAL SERVICE

The Specialities division has a team of technical experts who will undertake all the necessary investigations and trials to ensure that you obtain the most effective treatment solutions. To ensure the best results are achieved optimum product dosage and ideal plant conditions are required.

OTHER PRODUCTS

NCP Chlorchem specialises in a wide range of products. The range includes:

POLYAMINES
POLYDADMACS
ALUMINIUM CHLOROHYDRATE
ALUMINIUM CHLOROHYDRATE/POLYAMINE BLENDS
ALUMINIUM CHLOROHYDRATE/POLYDADMAC BLENDS
FERRIC CHLORIDE
CAUSTIC SODA LYE (NaOH)
HYDROCHLORIC ACID
SODIUM HYPOCHLORITE
CHLORINATED PARAFFIN