W. G. Krummrich Plant

1980 Products

Parachlorophenol
Dichlorophenol
4-Nitrodiphenylamine (4NDPA)
Santoflexes
Santophen
Monochlorobenzene
Paradichlorobenzene
Orthodichlorobenzene
Nitrochlorobenzene
Orthonitrochlorobenzene
Paranitrochlorobenzene
Muriatic Acid
Chloralkali
Phosphorus Trichloride
Phosphorus Oxychloride
Phosphate Esters
Orthonitrophenol
Orthonitroaniline
Paranitroaniline
Sulfuric Acid
Chlorosulfonic Acid
Benzyl Chloride
ACL
Phosphorus Pentasulfide

DSW 136201

[redacted]

1985

PRODUCTS

Product	End Use
Chlorosulfonic Acid	Nylon, shampoos, tooth cappings
4-Nitrodiphenylamine (4-NDPA)	Rubber chemical intermediates
Orthonitroaniline (ONA)	Dyes, photographic agents
Orthonitrophenol (ONP)	Furadan pesticide
Santoflexes	Tires, rubber products
Sulfuric Acid	Refrigerants, paints, metals, fertilizers
ACL	Scouring powders, swimming pool disinfectants, bleaches
Monochlorobenzene (MCB)	Lasso herbicide
Muriatic Acid (HCL)	Starch, glucose, gelatin, paper, leather, steel
Orthodichlorobenzene (ODCB)	Degreasers, dry cleaning, polishes, oil additives
Orthonitrochlorobenzene (ONCB)	Resins, pesticides, paints, plastics, dyes
Paradichlorobenzene (PDCB)	Deodorizers, mildew/moth control, pesticides
Paranitrochlorobenzene (PNCB)	Animal feed additives, pain relievers
Phosphorus Oxychloride (POCL3)	Medicines, dyes
Phosphorus Pentasulfide (P2S5)	Oil additives, pesticides
Phosphorus Trichloride (PCL3)	Medicines, defoliants

DSW 136202

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1990

KRUMMRICH PRODUCTS AND THEIR USES

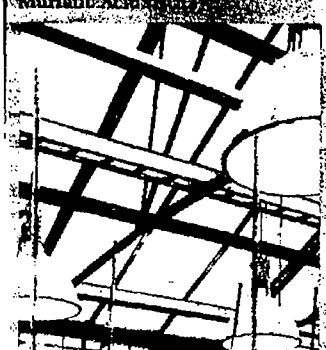
As a top quality supplier the Krummrich plant helps our customers produce the best possible products for you, the consumer. Together, we're helping make your life safer, healthier and more fun.

Monochlorobenzene (MCB)



MCB is a key ingredient in Monsanto Lasso herbicide, which improves farmers' ability to produce our food. MCB is also a raw material used in the manufacture of several engineering plastics.

Muriatic Acid (HCl)



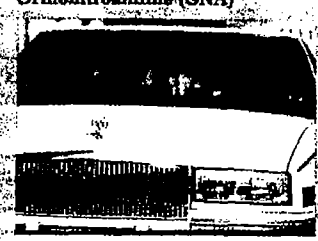
Muriatic acid is used to remove rust from steel (like the steel beams pictured), and to adjust the pH balance in water treatment.

Orthodichlorobenzene (ODCB)



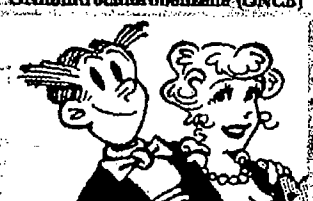
Bath soaps and cleaners are two of the end uses for ODCB.

Orthonitroaniline (ONA)



ONA is an intermediate chemical used in the production of Monsanto Saflex interlayer, which is laminated into automotive windshields to make them shatterproof. Saflex has already saved thousands of lives.

Orthonitrochlorobenzene (ONCB)



Blondie's yellow hair is printed with ink containing ONCB.

Paradichlorobenzene (PDCB)



As a deodorizer, PDCB freshens your home; as mothballs, it keeps your clothes moth-free; as an industrial raw material, PDCB is the building block for PPS resin, a high performance engineering plastic.

Paranitroaniline (PNA)



Farm animals are treated with pharmaceuticals containing PNA. The material is also used in feed additives and rubber chemicals.

Paranitrochlorobenzene (PNCB)



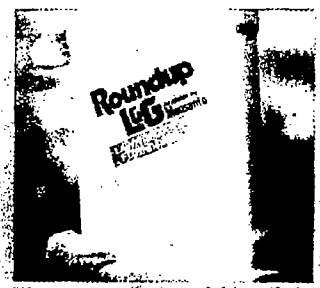
PNCB is found in non-aspirin pain relievers, Monsanto Santoquin, an animal feed preservative, and rubber chemicals.

Phosphorus Pentasulfide (P2S5)



P2S5 is used in the manufacture of motor oil additives to protect automotive engine parts against wear.

Phosphorus Trichloride (PCl3)



Want to get rid of weeds? Reach for Roundup. PCl3 is a key ingredient in Monsanto's well-known herbicide.

Santoflexes
4-Nitrodiphenylamine (4-NDPA)



The tires on your car last for years because of rubber chemicals, which are added to help prevent cracking and deterioration. (4-NDPA is a raw material used to produce Santoflexes.)

Trichloroisocyanuric Acid (ACL)



Taking a dip in the pool is refreshing and safe, thanks to ACL's the main ingredient in swimming pool disinfectants. ACL also adds bleaching power to many home scouring powders.

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