Products Chlorine is one of the most abundant, naturally occurring chemical elements. It plays a significant role in the manufacture of thousands of products we depend on every day. of the Coatings for aluminum cans Handbags, wallets Adhesive and bonding agent base Dental sealants for synthetic turf Inflatable hoats and water floats Household glue for metals, glass and ceramics Automobile parts, upholstery Luggage PC boards, composites and floor mats Mattress covers Surface coatings on household appliances Medical blood bags, IV bags and tubing Baby bibs, crib bumper pads and Wind turbine blades baby strollers Bicycle seats and handlebar grips Plumbing fittings Crop protection chemicals Cases for cosmetics, cameras, Prostheses Moisturizing compounds Permanent wave solutions Chlorine Raincoats, rainsuits and umbrellas binoculars, etc. DRINKING WATER DISINFECTION and hair care products Coating for paper Containers for food products, Roofing material School and office supplies Pharmaceuticals WASTE AND SEWAGE TREATMENT Water treatment Polymer ion exchange resin cosmetics, toiletries and Seat coverings Wet strength resins household chemicals Shoes Thickeners, food additives Electrical and decorative vinyl tapes Siding, gutters and gutter leaf guards METHYL CHLOROACETATE Vinvl stabilizer Solar reflective film Electrical insulation CHLOROACETIC ACID Additives for oil, Exercise equipment pad coverings Swimming pool liner and covers Epichlorohydrin —— ALLYL CHLORIDE Fences, decks and trellises Textile coatings detergents Film and sheeting Wallpaper Tree Paper chemicals Floor coverings, molding strips Watch straps, belts Garden hoses Window and door frames STANNOUS CHLORIDE Crop protection chemicals INYL CHLORIDE • Dyes Erasers Crop protection chemicals SULFUR DICHLORIDE Rubber antioxidants Fire retarding agents PHOSPHORUS TRICHLORIDE SULFUR MONOCHLORIDE Vulcanization catalysts Hydraulic fluids PHOSPHORUS PENTACHLORIDE THIONYL CHLORIDE PHOSPHORUS OXYCHLORIDE SULFURYL CHLORIDE FERRIC CHLORIDE Detergents for automatic dishwashers Etching and engraving Household and commercial bleaches Pharmaceuticals Bullet-resistant vests Sanitizers for swimming pools Water treatment DICHLOROETHYL ETHER -Sports apparel and footwear CHLORINATED ISOCYANURATES Storm shelters METHYLENE CHLORIDE Tire cord Adhesives Truck bed coating Paint removers Dental cements and dentifrices Utility gloves Deodorant preparations Cosmetics TEREPHTALOYL CHLORIDE Crop protection chemicals ZINC CHLORIDE Initiators for plastics Aerospace applications Pharmaceuticals Arc flash clothing BENZOYL CHLORIDE Stabilizers for plastics Electrical insulation CHLOROTOLUENES Fabric for military and police BENZOTRICHLORIDE Firefighter apparel Computer components PARACHLOROBENZOTRIFLUORIDE Racing suits ISOPHTHALOYL CHLORIDE Electronic parts Pipe and sheets Coatings Power tool housings DICHLOROPHENYL SULFONE Rocket components Time release pharmaceuticals ETHYL CHLORIDE Water treatment SODIUM HYPOCHLORITE Bleaching pulp, paper and textiles Disinfectant for swimming pools Household bleach Methylcellulose —— Thickening agent for foods and non-foods Pharmaceuticals METHYL CHLORIDE Crop protection chemicals ——— ALUMINUM CHLORIDE Surface disinfection and sanitizer Water and waste water treatment Encapsulation of electronic parts Home use caulking and sealing compounds 1,1,1 TRICHLORETHANE Medical devices used within the body Latex coatings CHLOROFORM Pharmaceuticals Multiwall paper bags CARBON TETRACHLORIDE Polyvinylidene VINYLIDENE CHLORIDE Bactericide Polishes, waxes Packagings for food products (meats and poultry) Corrosion resistant paint Deodorant Surgical membranes Electrical components Disinfectant for swimming pools Water repellent coatings CALCIUM HYPOCHLORITE Portable water purification Semiconductors Synthetic gemstones TITANIUM DIOXIDE Automotive components Bullet proof glass CHLOROPRENE — Neoprene rubber i Carpet backing Abrasive wheels CDs and DVDs Gaskets and hoses Adhesives Containers PERCHLOROETHYLENE Auto bumpers and fenders Shoe soles Household appliance housings Wetsuits Dry cleaning TRICHLOROETHYLENE Brush bristles Safety glasses Foam cushions/mattresses Refrigerants Windows on buses, trains, subways Insulation aircraft, buildings Paints and varnishes - CHLORINE DIOXIDE Pulp and paper bleaching Sealants and caulking agents Pool disinfectants Shoe uppers and heels Brewing Propylene oxide = Corn syrup CHLOROHYDRIN Gelatin Antifreeze and coolants Monosodium glutamate - HYDROCHLORIC ACID Brake fluids HYDRAZINE Lubricants Sugar refining Metal working fluids Cleansing creams Airbags Plastics Desulfurization agent for petroleum Coatings Blowing agent Rubber Cosmetics Silicone resins and elastomers Pharmaceuticals Production of alkyl chlorides Crop protection chemicals Alloys Polymerization catalyst Flavoring extracts Propylene glycol ethers Brake fluids Oil well acidifying/hydraulic fracturing Pyrotechnics Rocket fuel Food additives Cleaners Production of metallic chlorides 🤇 Spandex fibers Coatings Lotions/creams sopropanolamines Adhesives Batteries Intermediates Natural gas treatment Water treatment Coatings Pickling in steel manufacture Pharmaceuticals Mining chemicals Paint Corrosion inhibitors Plastics stabilizer Pharmaceuticals Cosmetics/personal care Latex coagulating agent Solvents Rocket propellants Plasticizers Crop protection chemicals Production of hydrochlorides Rubber accelerator Neutralizing agents Plastics Plastics Soft drink syrups Sanitation Surfactants Solvents Urethanes Silicon chlorides Computer chips Fiber optics Home appliances Smartphones Unmanned aerial vehicles

























