ABSTRACT

Embodiments described herein generally relates to an oil based disinfectant for toilet urinal or sanitary fitting in whatsoever form either liquid or solid or semi solid state or powder form to be used in sanitary fittings and urinals.

The oil based disinfectant / detergent (OBD) will form an oil film / barrier on the urinal wall. It will stay longer on the wall (as compared to soluble disinfectant chemical), hence its fragrance has a more lasting effect. While some OBD will stay on the urinal wall, the “excess OBD” will flow into the discharge area and stays afloat (since it’s specific density is less than water) to form an oil based film or barrier above the liquid seal which will prevent the odour from entering the toilet. Regular usage of OBD will replenish and restore the oil film / barrier above the liquid seal. Hence, converting the conventional urinal to waterless urinal without modification

Figure 1