@startuml

actor Customer

boundary ProductScreen

control ProductControl

entity WISHLIST

Customer-> ProductScreen++: Click "Thêm/xóa wishlist" trên 1 item product on "List Product" hoặc "Product detail"

deactivate ProductScreen

ProductScreen-> ProductControl ++: Check is in wish list

deactivate ProductControl

ProductControl -> WISHLIST++: Check is in wish list

deactivate WISHLIST

WISHLIST-> WISHLIST++: Check is in wish list

deactivate WISHLIST

alt Yes

WISHLIST-> WISHLIST++: Delete data

deactivate WISHLIST

WISHLIST--> ProductControl ++: Thông báo xóa item thành công

deactivate ProductControl

ProductControl --> ProductScreen++: Thông báo xóa item thành công và reload UI

deactivate ProductScreen

end

alt No

WISHLIST-> WISHLIST++: Store product in wish list

deactivate WISHLIST

WISHLIST--> ProductControl ++: Thông báo thêm item thành công

deactivate ProductControl

ProductControl --> ProductScreen++: Thông báo thêm item thành công và reload UI

deactivate ProductScreen

end

@enduml