Non-Halite

− Poly-acid catalyst/Apatite powder −

Product	Poly-acid catalyst/Apatite powder called “”Non-Halite”
Application	Powder oxidation reaction to synthesize halogen-free epoxide and glycidyl compounds
Feature	Able to synthetic target compound with halogen-free, heat-resistance in high conversion rate and high purity (high specificity)

Background

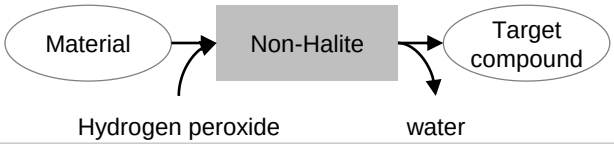
This Non-Halite powder is the result of research carried out by invited lecturer Junko Ichihara and assistant professor Shunro Yamaguchi of Osaka University’s Institute of Scientific and Industrial Research. Japan Material Technologies Corporation has made an intellectual property licensing agreement(know-how of producing Non-Halite) with Osaka University

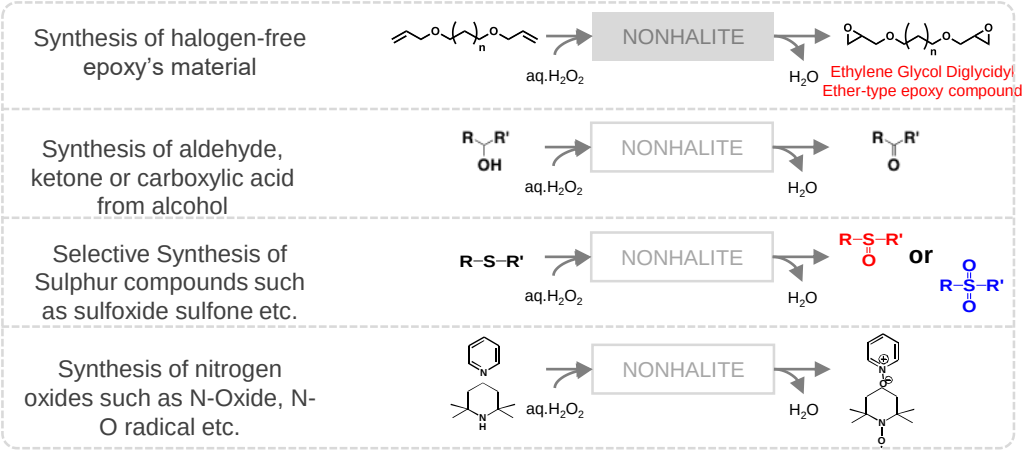
Product Overview

The polyacid catalyst/apatite powder. It is permeated with organic compound and hydrogen peroxide solution, and may be applied as a powder without the need for organic solvents, in an environmentally friendly Green Chemistry process which produces only water as a waste product. Moreover, the process does not require halides and so is completely halogen-free.

Non-Halite

The powder oxidation reaction





Product Feature

Powder oxidation reaction

heat-resistance in high conversion rate and high purity

Green Chemistry

produces only water as a waste product, halogen-free

Wide range applications of oxidation reactions

Synthesis of functional epoxy’s materials and high performance organic materials

Contact information

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