

## Molten Salt Oxidation of Chlorinated Plastics and Rubber

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Incineration of chlorinated organics contributes much to the emissions of chlorinated organic and metallic pollutants. Molten salt oxidation, MSO for short, is one of the promising alternatives to incineration for chlorinated organic wastes. This study investigated the performance of MSO process to cleanly destroy halogenated plastics and rubber. Halogenated plastics such as PVC pipe and PTFE tube, and latex gloves were test-burned in a bench-scale MSO process with a capacity of 0.3–0.5 kg plastics per hour. In addition to the basic performance of MSO process such as organics destruction and halogen or sulfur retention in the molten salt bath, the characteristics of metal entrainments is investigated in this study.