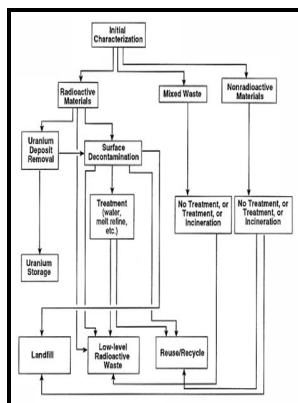


# Incineration in molten salts of alpha-contaminated solid waste

## Commission of the European Communities - TREATMENT OF ALPHA



Description: -

-Incineration in molten salts of alpha-contaminated solid waste

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EUR 7336

Nuclear science and technology Incineration in molten salts of alpha-contaminated solid waste

Notes: At foot of t.p.: Directorate-General for Research, Science and Education.

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### Resume hasil

Oak Ridge National Laboratory ORNL has installed and operated a bench-scale MSO apparatus to obtain experimental information needed before the design and construction of an MSO pilot plant. Macfarlane has encouraged substantial improvements in the day to day working of the 4,000 member regulatory agency.

### Savannah River Site Waste Management Final Environmental Impact Statement

Contaminated solids are fed into an externally heated rotary dryer where temperatures range from 400 to 500 °C.

### Incineration in molten salts of alpha

The primary treatment unit is a fluidized-bed processor.

### Six Years Operation Experience with the Cilva Incinerator for Radioactive Waste Treatment

Corrosion of the reactor vessel is of significant engineering concern.

### chemical equation for molten cesium chloride features

Why not the outrage about the 8 people who died because of one failed dam? Two laboratoryscale systems are being used to treat hazardous and mixed wastes. I agree that the waste becomes less radioactive with time and this is a major advantage of long time storage.

### Acid digestion of combustible nuclear wastes

There have been a number of newsworthy disasters caused by embankment failures in coal-ash dumps, destroying land and leaching toxic heavy

metals into groundwater and streams. Soil washing technologies are being tested using bench-scale commercial equipment to provide equipment costs and operating estimates. Gases from the fluidized bed which consist of products of both complete and incomplete combustion are fed to the second stage of the process which consists of a cyclonic combustor that will oxidize carbon monoxide and organics to carbon dioxide and water.

#### **chemical equation for molten cesium chloride features**

The heat also melts the inorganic components, which dissolve into the glass matrix. Oxidation occurs in the molten-salt bed because of the injection of an oxidizing gas such as air into the waste and molten salt mixture. He asked if I was interested in having someone else pay the tuition and give me a salary to go to college.

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