



# Academic<sup>th</sup>

INTERNATIONAL WORKSHOP  
ADVANCES IN CLEANER PRODUCTION

“CLEANER PRODUCTION TOWARDS A SUSTAINABLE TRANSITION”

## Reflections on the Management of Household Hazardous Waste in the Context of Urban Environment Policy

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### Abstract

This work aims to contribute to the reflection on the management of household hazardous waste, specifically fluorescent lamps, harmless to the home user while intact. The problem is the inadequate handling and disposal of these bulbs, once they contain mercury, which is extremely harmful to health and the environment. The methodology used was the bibliographic research exploratory descriptive of qualitative approach, seeking to identify and discuss the legislation on the subject: fluorescent lamps. In legal terms, to support the discussion, it was analyzed the urban environmental policy of the City Statute and the National Policy on Solid Waste (PNRS, in Portuguese) established by Law n. 12.50/10. Although Brazil has a regulatory framework for solid waste management on an equal level to the main developed countries, it was observed that environmental laws do not guarantee the effectiveness of local actions, necessary for the proper disposal of fluorescent lamps as well as other household hazardous waste.

**Keywords:** Household waste. PNRS. Urban Environmental Policy. Disposal of fluorescent lamps.