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**Dimethyl phthalate elimination from micro-polluted source water by surface
discharge plasma: performance, active species roles and mechanisms**

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Highlights

- Surface discharge plasma is proposed to remove plasticizer from natural water.
- Plasticizer removal efficacy under various experimental conditions is evaluated.
- Roles of reactive species in plasticizer removal are discussed.
- Mineralization process and byproducts formation are explored.

Abstract

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