

## **ABSTRACT**

### ***EFFECTIVENESS OF ECO-ENZYME FROM PAPAYA PEEL (Carica papaya L.) AND PINEAPPLE PEEL (Ananas comosus L.) AGAINST FLOOR CLEANING POWER***

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*Public awareness of personal hygiene is increasing along with lifestyles in the current new normal era due to the influence of the COVID-19 pandemic, following the availability of antiseptic products to maintain or improve personal hygiene. All of these contribute to clean and healthy behavior change (2).*

*This time the research examined antiseptic floor cleaners which are one example of floor cleaners used as floor cleaners, for example at RSPAL dr. Ramelan floor cleaning fluids used are Texapon, Sodium Chlorid, TX-100, Carboxylic Acid and Aquadest. But this cleaning fluid leaves an oily film on the floor and makes it easier for dirt to stick back to the floor, So researchers try to replace Carboxylic Acid with a solution of natural ingredients, namely eco-enzymes.*

*The first researcher made an eco-enzyme solution made for 3 months, from the skin of pineapple fruit (Ananas comosus L.) and papaya fruit peel (Carica papaya L.). Then evaluated on the effectiveness of floor cleaners by analyzing and observing for 3 days at 3 mopping / cleaning times, namely in the morning, afternoon and evening where observations were made by observing the floor when cleaning with RSPAL formula solution without eco-enzyme and when added eco-enzyme solution, Furthermore, a descriptive analysis method was carried out.*

*The observations showed that the eco-enzyme solution used in floor cleaning was very effective and very good results in floor cleaning, the conclusion that the effectiveness of eco-enzyme from papaya peel (Carica papaya L.) and pineapple peel (Ananas comosus L.) on the power of floor cleaning with eco-enzyme active ingredients is very good. Advice from the author, floor cleaning liquid with eco-enzyme can be applied to the floor of the room other than in UPF 2 Outpatient, cleaning solutions with eco-enzyme can give a more rough and clean impression.*

**Keywords:** *Papaya peel (Carica papaya L.), Pineapple peel (Ananas comosus L.), Eco-Enzyme, Floor Cleaner.*