
PRODUCING AN ORGANIC ANTI-FOGGING BAR FOR CLEANING GOGGLE SURFACE

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Abstract

Water recreation such as scuba diving is very popular with tourists and locals. Diving activities that use goggles and gas tanks to see coral and marine life. However, fogging goggles can cause accidents in the water. Because of that, the researcher decided to make an anti-fogging bar works to remove the vapour produced on the surface of the goggles when entering the water. Therefore, this innovation is to produce an anti-fogging bar using organic ingredients, to determine vitamin A content in the anti-fogging bar and to determine the level of acceptance of the anti-fogging bar. The anti-fogging bars were sent to biotech to determine vitamin A content. The result found that this anti-fogging bar contains vitamin A which is retinal at a dose of 15.3 mg/100 g. Vitamin A supports the skin's immune system, speeds up healing, prevents breakouts and encourages natural moisturizing, which means it effectively hydrates the skin. The result of the questionnaire found that all respondents agreed that the anti-fogging bar can remove fog on the goggle surface, the overall mean score is 4.15 which is at a high level. The quantitative method was used, where Google form questionnaires were distributed to 30 respondents from students Diploma in Tourism Management from semester 2 until semester 5. From the questionnaires, the researcher used Statistical Packages for Social Science (SPSS) version 25 to analyse the data to obtain the percentage value and also the mean score. In conclusion, this innovative product which is an anti-fogging bar was well received by users in terms of smell, texture and packaging. This anti-fogging bar also helps divers from having a foggy mask and blocking their vision while diving

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