I have a search alert configured for several databases, will EBSCOhost eliminate duplicate results from the alert if the same result is found in multiple databases?

Yes, EBSCOhost eliminates duplicate results from a search alert.

When a matching result is found in more than one database, the first database listed in your profile is the result source listed in the alert. Note however that if a database in your profile contains full text for the matching result, the database containing the full text is the result that is provided to you via the alert. If more than one database in your profile contains full text for the item, the first database in your profile that contains the full text is the result included in the alert.