

1 ABSTRACT OF THE DISCLOSURE

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3 The present invention is directed to an isomerized alpha olefin sulfonate and a
4 method of making the same wherein the isomerized alpha olefin sulfonate is
5 derived from sulfonating an isomerized alpha olefin with sulfur trioxide in the
6 presence of air thereby producing an isomerized alpha olefin sulfonic acid,
7 wherein the isomerized alpha olefin is derived from the isomerization of C₁₂-
8 C₄₀ normal alpha olefins ; and neutralizing the isomerized alpha olefin
9 sulfonic acid with a source of a mono-valent cation.

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11 No Suitable Figure