

METAL DETERGENTS

ABSTRACT

5 Sulfurised calcium phenate detergents having a reduced unsulfurised alkyl-substituted phenol content are made by:

- (A) providing, made from an unsulfurised alkyl-substituted phenol, a sulfurised calcium phenate detergent that, optionally, may have been further reacted with carbon dioxide;
- 10 (B) adding to the detergent from 1 to 100 mass % , based on the mass of the detergent, of an organic solvent that has a boiling point of above 100°C and below the boiling point of the unsulfurised alkyl-substituted phenol; and
- 15 (C) removing the organic solvent from the detergent thereby to reduce the unsulfurised alkyl-substituted phenol content.

No figure.