Coal Tar

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Manufacturers, regulatory authorities, health authorities, researchers, and other stakeholders are invited to provide their feedback and comments on this draft proposal. Comments and samples received after the last date will not be considered by the IPC before finalizing the monograph.

Please send any comments you may have on this draft document to arnd-ipc@gov.in , with a copy to Dr. Gaurav Pratap Singh (email: gpsingh.ipc@gov.in) before the last date for comments.

Document History and Schedule for the Adoption Process

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Coal Tar

Coal Tar is a product obtained from bituminous coal by destructive distillation at about 1000°.

Category. Keratoplastic and Keratolytic agent.

Description. A nearly black, viscous liquid. On exposure to air, the viscosity gradually increases. It burns in air with a luminous, sooty flame. It has a weight per ml of about 1.15 g.

Identification

A. A saturated solution is alkaline to *litmus solution*.

B. Carefully add 0.5 g to 10 ml of *petroleum spirit* (boiling range, 40° to 60°) and allow to stand for 30 minutes. When examined in daylight, the supernatant liquid has a blue fluorescence which becomes more intense when examine under ultraviolet light at 365 nm.

Tests

Sulphated ash (2.3.18). Not more than 2.0 per cent.

Storage: Store protected from moisture.

Solubility. Slightly soluble in *water*; partly soluble in *ethanol,* in *ether* and in volatile oils