

243

## SYNOPSIS OF INDIAN STANDARD

Number and Title of Indian Standard	Doc CHD 25 (14659) IS 17327:2020/ISO 19619:2018 Surface active agents — Determination of free propylene oxide content in propylene oxide adduct surfactants — GC method
a) Scope	This standard specifies an analytical procedure for the determination of free propylene oxide in surfactants which are synthesized from propylene oxide copolymers. The method is appropriate for the qualitative and quantitative determination of propylene oxide groups in propylene oxide adducts, polyethers and polyglycol esters by headspace gas chromatography (HSGC) with a flame ionization detector (FID) based on external procedure. Gas chromatography-mass spectrometry (GC-MS) is used for the confirmatory purposes.
b) Salient features of content	This standard specifies the principle, reagents, apparatus, procedure and method of calculation of determination of free propylene oxide in surfactants which are synthesized from propylene oxide copolymers.
c) Types/grades/classes, if any covered in the standard	Nil
d) Disclaimer (to be automatically provided by the program/software)	