

Low odor dimethyldisulfide sulfurisation of catalysts has very low cc methylmercaptan and dimethylsulfide impurities contains at least one odor masking agent. The nor strong aggressive odor of dimethyldisulfide is redui by limiting the content of methylmercaptan to less than 500 ppm and of dimethylsulfide to less than 100 pp and incorporating up to 1 % of at least one masking agent. A composition dimethyldisulfide CH_3SSCH_3 (DMDS) containing (bywt.) at least 95 % DMDS, less than 500 ppm (preferably les than 200 ppm) methylmercaptan, less than 100 (preferably less than 50 ppm) dimethylsulfide and up 1 % (preferably 0.1-0.5 %) and especially about 0.2 of at least one odor masking agent.