Occupational health and safety professionals are familiar with the health risks associated with exposure to diacetyl and related flavorings in the microwave popcorn industry, but may not be aware that coffee roasting and grinding naturally produces diacetyl and 2.3-pentanediol. Exposures at certain levels can sometimes result in reduced lung function, severe fixed obstructive lung disease, and an irreversible, and sometimes fatal disease, obliterative bronchiolitis. In this talk, the speaker will present the unique occupational health and safety concerns for workers in the coffee processing industry and certain actions occupational health and safety professionals can take to help mitigate the risks and help keep these workers safe.