

# Download Report On Carcinogens Carcinogen Profiles 2002

Polyacrylamide is used as a stabilizer and binder in lotions and other products. Though it is not a concern in itself, it is made up of repeating molecules of acrylamide, which is a strongly suspected carcinogen and has been linked to mammary tumors. Cancer: Nitrosodiethanolamine (NDEA) is listed as a carcinogen in the National Toxicology Program's Report on Carcinogens. Experimental studies show that NDEA causes liver cancer and kidney tumors in rats and cancer of nasal cavity in hamsters [7]. TEA and DEA have found to be hepatocarcinogenic (producing or tending to produce cancer in the liver) in female mice [4],[8],[9]. Acrolein (systematic name: propenal) is the simplest unsaturated aldehyde. It is a colourless liquid with a piercing, acrid smell. The smell of burnt fat (as when cooking oil is heated to its smoke point) is caused by glycerol in the burning fat breaking down into acrolein. It is produced industrially from propylene and mainly used as a biocide and a building block to other chemical compounds ...

1. Introduction. In 2007, we published the recommendations of a workshop, organised and funded by the European Reference Laboratory for Alternatives to Animal Testing (EURL ECVAM), in which ways to reduce the frequency of "misleading" or "irrelevant" positive results (i.e. positive results found in vitro that are not predictive of in vivo genotoxic or carcinogenic activity ...