

Examples of Suspected Toxic Additives to be Permitted by Medsafe under the NHP Bill

Compound	Toxicity	NHP Status
FRAGRANCES AND FLAVOURS	There are many more than 1000 fragrances and flavourings permitted. In many cases fragrances and flavours have been approved without human studies of toxicity. I haven't been able to review the thousands of compounds. Some examples below.	
cyclohexanol compounds	There are 29 cyclohexanol related compounds permitted including synthetic versions of sandal wood and camphor. cyclohexanol is known to be highly toxic, and co-carcinogenic. CDC lists cyclohexanol as "immediately dangerous to life and health"	These are permitted as fragrances
Hexanal	Toxic to rats, NIH says toxicity to humans not evaluated	permitted as fragrance
Musk xylene	Carcinogenic to mice, no human studies	permitted for external use
Flavoxanthin	not approved in USA or EU	permitted
benzyl alcohol	causes frequent allergic reactions	permitted
Benzyl salicylate	causes frequent allergic reactions	permitted
COLOURINGS		
Brilliant black BN E151	E151 has been banned in the United States, Belgium, Denmark, France, Germany, Sweden, Austria, Switzerland, Japan, Finland. It appears to cause allergic or intolerance reactions, particularly amongst those with an aspirin intolerance. It is a histamine liberator, and may worsen the symptoms of asthma. It is one of the colourants that the Hyperactive Children's Support Group recommends be eliminated from the diet of children.	permitted as a colourant
FD&C Blue No1	Five beagle dogs received a dietary level of 2.0%, and three dogs a level of 1.0% of Brilliant Blue FCF for one year. One dog died after 17 days on the 2% dietary level and another died after 46 weeks on the 1% level. ^[9] Caused kidney tumors in mice. May induce an allergic reaction in individuals with pre-existing asthma ^[10] Banned in many countries but not the U.S. or Canada.]	permitted as a colourant
Tartrazine	linked to hyperactivity when used with sodium benzoate	permitted as a colourant
Allura Red AC	linked to hyperactivity when used with sodium benzoate	permitted as a colourant
Ponceau 4R	linked to hyperactivity when used with sodium benzoate	permitted as a colourant
Quinoline Yellow WS	linked to hyperactivity when used with sodium benzoate	permitted as a colourant
Sunset Yellow	linked to hyperactivity when used with sodium benzoate	permitted as a colourant
Carmoisine	linked to hyperactivity when used with sodium benzoate	permitted as a colourant
Alkanet	banned in USA for all uses	permitted
D&C Orange No15	banned in USA for all uses	permitted for external use
D&C Red No8	banned in USA for all uses	permitted for external use
D&C Red No19	banned in USA for all uses	permitted for external use
Amaranth	banned in USA for all uses	permitted
Erythrosine	banned in USA for all uses	permitted
Food Green 3	This substance has been found to have tumorigenic effects in experimental animals, as well as mutagenic effects in both experimental animals and humans. It furthermore risks irritation of eyes, skin, digestive tract, and respiratory tract in its undiluted form. Not permitted in the EU	permitted
Sulfite ammonia caramel	State of California regulators have concluded that there is a highly toxic byproduct of some types of caramel colour synthesis which is known to cause cancers and reproductive toxicity	permitted
ARTIFICIAL SWEETENERS including alitame, neotame, and aspartame	Human reports to FDA have associated aspartame with minor adverse reactions and life-threatening conditions that include: Migraines, nausea and vomiting, insomnia/sleep problems, abdominal and joint pains, change in heart rate, depression, memory loss, seizure, and brain cancer. More than these complaints to the FDA, there are also around 10,000 documented reports of aspartame side effects and over 900 published studies on the health hazards.	permitted