

APPENDIX A: NIAS CHEMICALS OF CONCERN

CHEMICAL NAME	CHEMICAL CLASS	FUNCTIONAL NOTES
(1,1,3,3-tetramethyl-butyl)phenol	Phenol	Processing contaminant
1,2,3 Trichloropropane	Organohalogen	Processing contaminant
2-(2-Aminoethyl-amino)ethanol	Chelating agent, Preservative	Processing aid
2-Ethylhexanoic acid	Organic Acid	Plastics, Processing contaminant
2-Methoxyethanol	Solvent	Plastics Processing contaminant
2-Nitropropane	Solvent	Processing contaminant, Inks and coatings
2-Phenylphenol	Phenol	Processing aid
3-Ethylphenol	Phenol	Processing contaminant
4,4'-Biphenol	Phenol	Processing contaminant
4-Chloro-3,5-dimethylphenol	Organohalogen	Processing aid
4-Cyclohexylphenol	Phenol	Processing contaminant
4-Ethylphenol	Phenol	Processing contaminant
4-Nitrobiphenyl	Residual	Processing contaminant
4-Nonylphenol, ethoxylated	Phenol	Processing aid
4-Phenylphenol	Phenol	Processing contaminant
4-tert-Pentylphenol	Phenol	Processing contaminant
Acrylonitrile	Solvent	Processing contaminant
Aluminum sulfate	Metal	Processing aid
Ammonia	Preservative, Dough conditioner, Leavening agent	Processing aid
Asbestos	Mineral	Processing contaminant
Benzene	Solvent	Processing contaminant, Extraction agent
Biphenyl	Lubricant	Processing contaminant
Butylated Hydroxytoluene (BHT)	Preservative	Processing aid

CHEMICAL NAME	CHEMICAL CLASS	FUNCTIONAL NOTES
Carbendazim	Preservative	Processing aid
Carbon monoxide	Gas	Processing aid
Carbon tetrachloride	Solvent	Processing contaminant, Extraction agent
Catechol	Phenol	Processing aid
Chloranil	Organohalogen	Processing contaminant
Chlorine dioxide	Oxidizer, Bleaching agent, Preservative	Processing aid
Chrysotile	Mineral (asbestos)	Processing contaminant
Cobalt acetate	Metal	Processing aid
Copper sulfate	Preservative, Metal	Processing aid
Crocidolite	Mineral (asbestos)	Processing contaminant
Deltamethrin	Pesticide	Processing contaminant
Diazene-1,2-dicarboxamide	Oxidizer, flour bleaching agent	Processing aid
Dichlorophen	Organohalogen	Processing aid
Disodium tetraborate decahydrate	Preservative	Processing aid
Disodium tetraborate, anhydrous	Preservative	Processing aid
Ethlene thiourea	Residual, Pesticide	Processing contaminant
Ethylene glycol	Solvent	Processing aid
Ethylene oxide	Oxirane	Processing aid
Formamide	Solvent	Processing contaminant, Extraction agent
Hydrazine	Oxygen scavenger	Processing aid, O2 scavenger
Hydrogen sulfide	Gas	Processing aid
Hydroquinone	Phenol	Processing aid
Ligroine	Solvent	Processing contaminant, Inks and coatings
N,N-Dimethylformamide	Solvent	Processing contaminant, Extraction agent
Nabam	Preservative	Processing aid

CHEMICAL NAME	CHEMICAL CLASS	FUNCTIONAL NOTES
Naphtha	Solvent	Processing contaminant, Silicone polymer production
n-Hexane	Solvent	Processing contaminant, Extraction agent
Nonylphenol	Phenol	Processing contaminant
Nonylphenol, ethoxylated	Phenol	Processing aid
Oxine-copper	Pesticide	Processing contaminant
Perchloroethylene	Organohalogen, Solvent	Processing aid
Petrolatum	Lubricant	Processing contaminant
Phenol	Phenol	Processing aid
Piperonylbutoxide	Pesticide	Processing contaminant
Potassium bromate	Dough conditioner, Flour bleaching agent	Processing aid
Potassium perchlorate	Oxidizer, Bleaching agent	Processing contaminant
Propiolactone	Oxirane	Processing aid
Quinoline	Phenol	Processing aid
Sodium methyldithiocarbamate	Pesticide	Processing contaminant
Sodium peroxometaborate	Oxidizer, Bleaching agent	Processing aid
Sodium polysulfide (Na₂(S_x))	Preservative	Processing aid
Thiram	Preservative	Processing aid
Toluene	Solvent	Processing contaminant, Extraction agent
Tributyltin chloride	Preservative	Processing aid
Trichloroethylene	Organohalogen	Processing aid
Triclosan	Preservative	Processing aid
Xylene	Solvent	Processing contaminant, Extraction agent
Zineb	Preservative	Processing aid
Ziram	Preservative	Processing aid