

NXP Semiconductors List of Restricted Substances in Production Processes

This list is for internal use only. It contains restricted substances with known use by NXP Semiconductors and with potential use in the semiconductor industry and NXP.

Substance	CAS #	Category	Remark
Arsenic (and compounds)	7440-38-2	Category 3	
Arsine	7784-42-1	IARC 1, toxic, no CMR	
Arsenic oxide	1303-28-2	Carcinogenic 1	
Benzene	71-43-2	Carcinogenic 1	
Beryllium (and compounds)	7440-41-7	Carcinogenic 2, IARC1	
Carbon monoxide	630-08-0	Reprotoxic 1	
Chlorodifluoromethane CHCLF2 (HCFC-22)	75-45-6	Category 2/Ozone Depleting Chemical. ODP: 0.055	GWP c. 1780
Chromium(VI) compounds			
Chromium trioxide	1333-82-0	Carcinogenic 1	
1,2 Dichloroethane	107-06-2	Carcinogenic 2	
Di-butyl-phthalate	84-74-2	Reprotoxic 2	
1,2 Dimethoxyethane	110-71-4	Reprotoxic 2	
N,N dimethylacetamide	127-19-5	Reprotoxic 2	
N,N dimethylformamide	25-17-4	Mutagenic 2	
Formaldehyde	50-00-0	IARC 1, Carcinogenic 3	
Lead and lead compounds	7439-92-1	Reprotoxic 1	
Lead di-acetate	301-04-2	Reprotoxic 1	
Lead acetate trihydrate	6080-56-4	Reprotoxic 1	
Lead methyl sulfonate	17570-76-2	Reprotoxic 1	
Lead monoxide	1317-36-8	Reprotoxic 1	
Methanol	67-56-1	Reprotoxic 2	
2-Methoxyethanol	109-86-4	Reprotoxic 2	
Ozone depleting chemicals	Montreal Protocol		
PFOS	307-35-7	PBT, Ecotoxic	
	EDF-508		
Solvent Naphta Stoddard	8052-41-3	Carcinogenic 2	Occurs at ESIA list
Solvent Naphta, light aromatic	64742-95-6	Carcinogenic 2	Occurs at ESIA list
Toxic Glycol ethers			
1-methoxy-2-acetoxypropane, Propylene Glycol Monomethyl Ether Acetate (b-isomer) (1 PG2MEA)	70657-70-4 108-65-6	Reprotoxic 2	Unintended isomer
2 Methoxy-1-propanole	1589-47-5	Reprotoxic 2	Unintended isomer
2 methoxy-1-propylacetate	70657-70-4	Reprotoxic 2	Unintended isomer
2,2-dichloro-1,1,1 trifluoroethane CF3-CHCL2 (HCFC-123)	306-83-2	Ozone Depleting Chemical ODP: 0.02-0.06	GWP c. 120

1. Revision sheet

DOCUMENT AUTHOR	REVISION DATE	CHANGE DESCRIPTION	DOCUMENT OWNER
Environmental Officer	2006-11-10	Change of Company Restricted into Company Confidential according UN-D 1596	Environmental Officer
Environmental Officer	2006-11-10	This document is completely modified acc. the new home rules of the new NXP Company	Environmental Officer
Action PDCoding	2007-09-20	Change of Company Confidential into Unclassified	Environmental Officer