



AEROSPACE RECOMMENDED PRACTICE	ARP9536™	REV. A
	Issued 2008-03 Stabilized 2022-08	
	Superseding ARP9536	
Declarable Substances Recommended Practice		

RATIONALE

This document has been determined to contain basic practices which are not dynamic in nature.

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<https://www.sae.org/standards/content/ARP9536/>

Documents

Document Sharing Hub

1. SCOPE

This standard applies to the aerospace and defense industries and their supply chain.

1.1 Purpose

This list of substances was developed for use by members of the aerospace and defense industries in order to assist in making product and process decisions to support compliance with regulatory requirements, as well as to meet customers and other third party obligations. In addition, this list will assist aerospace industry member companies with managing business risks, such as supply chain disruption.

2. APPLICABLE DOCUMENTS

This Recommended Practice will consist of a list of substances which are of interest to the sector to know whether any of these substances are used within aerospace products or manufacturing processes used to make these products. It is intended to be used in conjunction with ARP9536. SAE thanks Aerospace Industries Association (AIA) and the Aerospace and Defence Industry Association of Europe (ASD) for their cooperation in the planning of this document. This document is being published simultaneously in the U.S. and in Europe. The European version carries the same number and is published by ASD-STAN.

2.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

AS9535 Substance Declaration Standard

2.2 ASD-Stan Publications

Available from ASD-STAN, 270, Avenue de Tervuren 2nd floor, B-1150 Brussels, Belgium, Tel: +32 2 775 81 26 - Fax: +32 2 775 81 31, www.asd-stan.org.

ASD-Stan 9535

3. DISCLAIMER

While due diligence is being exercised in creating the Declarable Substances list, this list should not be considered to be exhaustive and will be periodically reviewed and updated. Application of this standard is the sole responsibility of its users.

4. ARP9536 DECLARABLE SUBSTANCES LIST

4a. Glossary of Chemical Family Identifier Abbreviations used in ARP9536 Declarable Substances List

CMRs: Carcinogens, Mutagens or Reproductive Toxins

CAS Number: A CAS registry number is a unique numeric identifier that can contain up to 10 digits, divided by hyphens into three parts, to designate only one chemical substance. The CAS number is assigned by the Chemical Abstract Service

EINECS: European Inventory of Existing Chemical Substances) is a registry number given to each chemical substance commercially available in the European Union between 1 January 1971 and 18 September 1981. The inventory was created by Directive 67/548/EEC concerning the labeling of dangerous substances.

ELINCS: European List of Notified Chemical Substances

HSC: Hazardous Substances Committee

Intended Release: A substance is intended to be released, if under normal or reasonably foreseeable conditions of use, the release is essential for the end use function of the article. In other words, without the release of the substances, the article would not work sufficiently or as intended by the supplier of the article. Additionally, if the release contributes to a quality or minor function of the article, which is not directly connected to the end use function (e.g. perfumed eraser), then it is an intended release. Normal wear during use is not an intended release.

MSDS: Material Safety Data Sheet is a form containing data regarding the properties of a particular substance. An important component of product stewardship and workplace safety, it is intended to provide workers and emergency personnel with procedures for handling or working with that substance in a safe manner, and includes information such as physical data (melting point, boiling point, flash point, etc.), toxicity, health effects, first aid, reactivity, storage, disposal, protective equipment, and spill handling procedures. The exact format of an MSDS can vary from source to source from source to source and shall be provided in compliance with the applicable regulatory framework and in the language of the country where the item is delivered

ODS: Ozone Depleting Substances

PBT: Persistent, Bioaccumulative and Toxic

POP: Persistent Organic Pollutants

SAP: Enterprise resource planning software produced by **SAP AG**, headquartered in Walldorf, Germany.

vPvB: very Persistent and very Bioaccumulative

4b. Glossary of Chemical Family Identifier Abbreviations used in ARP 9536 Declarable Substances Lists

Chemical Family	Full Name
FAMAs	Arsenic Compounds, including arsenic acid and its salts
FAMAzoOther	Other Azo compounds
FAMBe	Beryllium Compounds
FAMBenzene	Compounds based on a single benzene ring
FAMBenziAzo	Benzidine based azo dyes
FAMCd	Cadmium Compounds
FAMCoWCarbide	Cobalt metal with tungsten carbide
FAMCr	Chrome compounds, other than CrVI
FAMCrVI	Chromium (VI) compounds & other chromated compounds
FAMDianisAzo	o-dianisidine based azo dyes
FAMDinoseb	salts and esters of dinoseb
FAMDinoterb	salts and esters of dinoterb
FAMDye	Non-azo organic dyes
FAMFiber/Ceramic	Fibers & Ceramics, including asbestos
FAMFuran/Dioxin	polychlorinated dibenzodioxins (PCDDs) & polychlorinated dibenzofurans (PCDFs)
FAMGas	Gases
FAMHalogenatedHC	Halogenated Hydrocarbons, including brominated & poly brominated flame retardants, Polybrominated biphenyls
FAMHg	Mercury Compounds
FAMHydrazine	Hydrazine Compounds
FAMHydrocarbon	Hydrocarbons
FAMNaphtha	Naphtha compounds
FAMNi	Nickel Compounds
FAMNP/NPE	NONYLPHENOL / Nonylphenoethoxylate
FAMODS	Ozone Depleting Substances
FAMORGANOTIN	Organotin Compounds including Tributyltin compounds
FAMPAH	Polyaromatic Hydrocarbons
FAMPb	Lead Compounds
FAMPbAlkyl	Lead Alkyls
FAMPCB	Polychlorinated biphenyls
FAMPCN	Polychlorinated Napthylenes
FAMPesticide	Pesticides, Herbicides & Fungicides
FAMPFOS/PFOA	Perfluorooctanyl sulphonic acid and its salts (PFOS) /Perfluorooctanoic acids(PFOA)
FAMPhenol	Phenolic compounds
FAMPhthalate	Phthalates
FAMSCCP	Short Chain Chlorinated Parafins
FAMSulphate	Sulphate compounds
FAMToliAzo	o-tolidine based dyes & compounds
FAMZnChromate	Zinc Chromates
NOFAM	Not classified under a specific chemical family

4c. ARP9536 Declarable Substances List

CAS Number	EU Index Number	Chemical Name	Chemical Family
7440-38-2		ARSENIC	FAMAs
NOCAS0030		ARSENIC COMPOUNDS	FAMAs
1303-00-0	033-002-00-5	GALLIUM ARSENIDE	FAMAs
1327-53-3	033-003-00-0	diarsenic trioxide; arsenic trioxide	FAMAs
1303-28-2	033-004-00-6	diarsenic pentaoxide; arsenic pentoxide; arsenic	FAMAs
NOCAS0019	033-005-00-1	arsenic acid and its salts	FAMAs
7784-40-9	082-011-00-0	lead hydrogen arsenate; Arsenic acid, lead(2+) salt (1:1)	FAMAs
23593-75-1		clotrimazole	FAMAZoOther
592-62-1	611-004-00-2	methyl-ONN-azoxymethyl acetate; methyl azoxy meth	FAMAZoOther
7440-41-7	004-001-00-7	beryllium	FAMBe
NOCAS0015	004-002-00-2	beryllium compounds	FAMBe
1304-56-9	004-003-00-8	beryllium oxide	FAMBe
108-70-3		1,3,5-trichlorobenzene	FAMBenzene
108-88-3		TOLUENE	FAMBenzene
120-82-1		1,2,4trichlorobenzene; TRICHLOROBENZENE	FAMBenzene
133-49-3		Pentachlorobenzenethiol	FAMBenzene
31472-83-0		Tetrachloro(tetrachlorophenyl)benzene	FAMBenzene
50-00-0		FORMALDEHYDE	FAMBenzene
552-89-6		O-NITROBENZALDEHYDE	FAMBenzene
85-22-3		pentabromoethylbenzene*	FAMBenzene
87-61-6		1,2,3-trichlorobenzene	FAMBenzene
75-28-5	601-004-01-8	isobutane (containing ≥ 0.1 % butadiene	FAMBenzene
71-43-2	601-020-00-8	benzene	FAMBenzene
118-74-1	602-065-00-6	hexachlorobenzene (HCB)	FAMBenzene
96-09-3	603-084-00-2	styrene oxide; (epoxyethyl)benzene; phenyloxiran	FAMBenzene
84777-06-0	607-426-00-1	1,2-benzenedicarboxylic acid, dipentylester, branched and linear	FAMBenzene
68515-42-4	607-480-00-6	1,2-benzenedicarboxylic acid; di-C7-11-branched a	FAMBenzene
79-46-9	609-002-00-1	2-nitropropane	FAMBenzene
121-14-2	609-007-00-9	2,4-dinitrotoluene dinitrotoluene, technical grade	FAMBenzene
25321-14-6	609-007-00-9	2,4-dinitrotoluene	FAMBenzene
92-93-3	609-039-00-3	4-nitrobiphenyl	FAMBenzene
602-01-7	609-050-00-3	2,3-dinitrotoluene	FAMBenzene
618-85-9	609-052-00-4	3,5-dinitrotoluene	FAMBenzene
81-15-2	609-068-00-1	musk xylene	FAMBenzene
25376-45-8	612-151-00-5	methyl-phenylenediamine diaminotoluene, technical product - mixture of [2] and [3]	FAMBenzene



CAS Number	EU Index Number	Chemical Name	Chemical Family
122-66-7	007-021-00-4	hydrazobenzene; 1,2-diphenylhydrazine	FAMBenziAzo
60-09-3	611-008-00-4	4-aminoazobenzene; 4-phenylazoaniline	FAMBenziAzo
NOCAS0023	611-024-00-1	Benzidine based azo dyes; 4,4'; -diarylazobiphen	FAMBenziAzo
1937-37-7	611-025-00-7	disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo]]1	FAMBenziAzo
2602-46-2	611-026-00-2	tetrasodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo	FAMBenziAzo
573-58-0	611-027-00-8	disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]b	FAMBenziAzo
108225-03-2	611-058-00-7	(6-(4-hydroxy-3-(2-methoxyphenylazo)-2-sulfonato-7	FAMBenziAzo
32534-81-9		Pentabrominated diphenyl ether (pentaBDE)	FAMBrominatedHC
32536-52-0		Octabrominated diphenyl ether (octaBDE); Diphenyl ether, octabromo derivative	FAMBrominatedHC
36355-01-8		Hexabromobiphenyl I-1,1' -biphenyl I	FAMBrominatedHC
59536-65-1		Hexa & Hepta-bromo diphenyl ether	FAMBrominatedHC
NOCAS0001		Brominated flame retardants	FAMBrominatedHC
NOCAS0002		Polybrominated biphenyls	FAMBrominatedHC
NOCAS0003		Poly brominated flame retardants	FAMBrominatedHC
NOCAS0032		CADMIUM AND ITS COMPOUNDS	FAMCd
1306-19-0	048-002-00-0	cadmium oxide (non-pyrophoric)	FAMCd
7440-43-9	048-002-00-0	cadmium (non-pyrophoric)	FAMCd
7790-79-6	048-006-00-2	cadmium fluoride	FAMCd
10108-64-2	048-008-00-3	cadmium chloride	FAMCd
10124-36-4	048-009-00-9	cadmium sulphate	FAMCd
1306-23-6	048-010-00-4	cadmium sulphide	FAMCd
7646-79-9	027-004-00-5	cobalt dichloride	FAMCo
10124-43-3	027-005-00-0	cobalt sulphate	FAMCo
74559-36-7		Tungsten carbide (WC), alloy, Kennametal K6; C W . Co; Cobalt metal with tungsten carbide	FAMCoWCarbide
NOCAS0026		Cobalt metal with tungsten carbide	FAMCoWCarbide
7789-09-5	024-003-00-1	ammonium dichromate	FAMCr
24613-89-6	024-010-00-X	dichromium tris(chromate); chromium III chromate;	FAMCr
1333-82-0	024-001-00-0	chromium (VI) trioxide	FAMCrVI
7778-50-9	024-002-00-6	potassium dichromate	FAMCrVI
10588-01-9	024-004-00-7	sodium dichromate anhydrate	FAMCrVI
7789-12-0	024-004-01-4	sodium dichromate, dihydrate	FAMCrVI
14977-61-8	024-005-00-2	chromyl dichloride; chromic oxychloride	FAMCrVI
7789-00-6	024-006-00-8	potassium chromate	FAMCrVI
13765-19-0	024-008-00-9	calcium chromate	FAMCrVI
7789-06-2	024-009-00-4	strontium chromate	FAMCrVI
NOCAS0018	024-017-00-8	Chromium (VI) compounds	FAMCrVI



CAS Number	EU Index Number	Chemical Name	Chemical Family
7775-11-3	024-018-00-3	sodium chromate	FAMCrVI
NOCAS0024	611-029-00-9	o-dianisidine based azo dyes; 4,4'-diaryldazo-3,3'	FAMDianisAzo
88-85-7	609-025-00-7	dinoseb; 6-sec-butyl-2,4-dinitrophenol	FAMDinoseb
NOCAS0021	609-026-00-2	salts and esters of dinoseb	FAMDinoseb
1420-07-1	609-030-00-4	dinoterb (ISO); 2-tert-butyl-4,6-dinitrophenol	FAMDinoterb
NOCAS0022	609-031-00-X	salts and esters of dinoterb	FAMDinoterb
492-80-8		4,4'-CARBONIMIDOYLBIS(N,N-DIMETHYLANILIN); AURAMINE, MANUFACTURE OF	FAMDye
632-99-5		MAGENTA, MANUFACTURE OF	FAMDye
2475-45-8	611-032-00-5	1,4,5,8-tetraaminoanthraquinone; C.I. Disperse BI	FAMDye
16071-86-6	611-005-00-8	disodium {5-[(4'-(2,6-hydroxy-3-((2-hydroxy-5-sul	FAMDyes
1317-95-9		Tripoli	FAMFiber/Ceramic
1332-21-4		ASBESTOS FIBRES	FAMFiber/Ceramic
14464-46-1		Cristobalite	FAMFiber/Ceramic
14808-60-7		Quartz	FAMFiber/Ceramic
15468-32-3		Tridymite	FAMFiber/Ceramic
12510-42-8	650-012-00-0	erionite	FAMFiber/Ceramic
12001-28-4	650-013-00-6	Crocidolite - ASBESTOS FIBRES	FAMFiber/Ceramic
12001-29-5	650-013-00-6	Chrysotile - ASBESTOS FIBRES	FAMFiber/Ceramic
12172-73-5	650-013-00-6	Amosite (Grunerite); ASBESTOS FIBRES	FAMFiber/Ceramic
132207-32-0	650-013-00-6	asbestos, CHRYSOTILE	FAMFiber/Ceramic
77536-66-4	650-013-00-6	Actinolite - ASBESTOS FIBRES	FAMFiber/Ceramic
77536-67-5	650-013-00-6	Anthophyllite - ASBESTOS FIBRES	FAMFiber/Ceramic
77536-68-6	650-013-00-6	Tremolite - ASBESTOS FIBRES	FAMFiber/Ceramic
NOCAS0025	650-017-00-8	Refractory Ceramic Fibres; Special Purpose Fibres,	FAMFiber/Ceramic
106340-44-7		Tetrabromodibenzofuran (TeBDF)	FAMFuran/Dioxin
1746-01-6		2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD)	FAMFuran/Dioxin
19408-74-3			FAMFuran/Dioxin
3268-87-9		Octachlorodibenzo-p-dioxin	FAMFuran/Dioxin
33857-26-0		2,7-dichlorodibenzo-p-dioxin	FAMFuran/Dioxin
34465-46-8		Hexachlorodibenzodioxin	FAMFuran/Dioxin
35822-46-9			FAMFuran/Dioxin
39001-02-0			FAMFuran/Dioxin
39227-28-6			FAMFuran/Dioxin
40321-76-4		1,2,3,7,8-Pentachlorodibenzodioxin	FAMFuran/Dioxin
51207-31-9		2,3,7,8-Tetrachlorodibenzofuran	FAMFuran/Dioxin
55673-89-7			FAMFuran/Dioxin
57117-31-4		2,3,4,7,8-Pentachlorodibenzofuran (2,3,4,7,8-PeCDF)	FAMFuran/Dioxin



CAS Number	EU Index Number	Chemical Name	Chemical Family
57117-41-6		1,2,3,7,8-Pentachlorodibenzofuran	FAMFuran/Dioxin
57117-44-9			FAMFuran/Dioxin
57653-85-7			FAMFuran/Dioxin
60851-34-5			FAMFuran/Dioxin
632-79-1		1,3-Isobenzofurandione, 4,5,6,7-tetrabromo-	FAMFuran/Dioxin
67562-39-4		1,2,3,4,6,7,8-Heptachlorodibenzofuran	FAMFuran/Dioxin
70648-26-9		1,2,3,4,7,8-Hexachlorodibenzofuran	FAMFuran/Dioxin
72918-21-9			FAMFuran/Dioxin
79745-01-0		Nickel,[6,8,16,18-tetrachloro-1,11-bis(2-furanylmethyl)-1,10,11, 20-tetrahydrodibenzo[c,j]dipyrazolo[3,4-f:3',4'-m][1,2,5,8,9,12]hexaazacyclotetradecinato(2-)-N5,N10,N15,N20]-	FAMFuran/Dioxin
NOCAS0005		polychlorinated dibenzofurans (PCDFs)	FAMFuran/Dioxin
NOCAS0006		polychlorinated dibenzodioxins (PCDDs)	FAMFuran/Dioxin
110-00-9	603-105-00-5	furan	FAMFuran/Dioxin
630-08-0	006-001-00-2	carbon monoxide	FAMGas
105-36-2		VOLATILE ESTERS OF BROMOACETIC ACID: ETHYL BROMOACETATE	FAMHalogenatedHC
126-72-7		TRIS(2,3-DIBROMOPROPYL) PHOSPHATE	FAMHalogenatedHC
1825-21-4		pentachloroanisole	FAMHalogenatedHC
2440-02-0		Bicyclo[2.2.1]hept-2-ene, 1,2,3,4,5,7,7-heptachloro-, endo-1,2,3,4,5-endo-7,7-Heptachloro-2-norbornene	FAMHalogenatedHC
28680-45-7		heptachloronorbornene; Bicyclo[2.2.1]hept-2-ene, heptachloro-	FAMHalogenatedHC
29921-57-1		VOLATILE ESTERS OF BROMOACETIC ACID: Isopropyl bromoacetate	FAMHalogenatedHC
35223-80-4		VOLATILE ESTERS OF BROMOACETIC ACID: PROPYL BROMOACETATE	FAMHalogenatedHC
36065-30-2		2,4,6-bromophenyl 1-2(2,3-dibromo-2-methylpropyl)	FAMHalogenatedHC
5292-43-3		VOLATILE ESTERS OF BROMOACETIC ACID: BUTYL BROMOACETATE	FAMHalogenatedHC
545-55-1		TRIS(AZIRIDINYL)PHOSPHINOXIDE	FAMHalogenatedHC
59447-55-1		2-propenoic acid, (pentabromo)methyl ester	FAMHalogenatedHC
61788-33-8		POLYCHLORINATED TERPHENYLS (PCTS)	FAMHalogenatedHC
67-66-3		CHLOROFORM	FAMHalogenatedHC
67-72-1		HEXACHLOROETHANE	FAMHalogenatedHC
75-02-5		VINYL FLUORIDE	FAMHalogenatedHC
75-35-4		1,1-DICHLOROETHYLENE	FAMHalogenatedHC
76-01-7		PENTACHLOROETHANE	FAMHalogenatedHC
79-00-5		1,1,2-TRICHLOROETHANE	FAMHalogenatedHC
79-34-5		1,1,2,2-TETRACHLOROETHANE	FAMHalogenatedHC
79-94-7		tetrabromobisphenol A (TBBP-A)	FAMHalogenatedHC
87-86-5		Pentachlorophenol (PCP)	FAMHalogenatedHC
96-32-2		VOLATILE ESTERS OF BROMOACETIC ACID: METHYL BROMOACETATE	FAMHalogenatedHC



CAS Number	EU Index Number	Chemical Name	Chemical Family
99688-47-8		MONOMETHYL-DIBROMO-DIPHENYL METHANE, MIXTURE OF ISOMERS; BROMOBENZYL TOLUENE, MIXTURE OF ISOMERS	FAMHalogenatedHC
37894-46-5	014-014-00-X	6-(2-chloroethyl)-6-(2-methoxyethoxy)-2,5,7,10-tet	FAMHalogenatedHC
13360-57-1	016-033-00-9	dimethylsulfamoylchloride	FAMHalogenatedHC
106-93-4	602-010-00-6	1,2-dibromoethane; Dibromoethane	FAMHalogenatedHC
107-06-2	602-012-00-7	1,2-dichloroethane; ethylene dichloride	FAMHalogenatedHC
96-12-8	602-021-00-6	1,2-dibromo-3-chloropropane; Dibromochloropropane (DBCP)	FAMHalogenatedHC
75-01-4	602-023-00-7	vinyl chloride; chloroethylene	FAMHalogenatedHC
593-60-2	602-024-00-2	bromoethylene	FAMHalogenatedHC
126-99-8	602-036-00-8	chloroprene (stabilized); 2-chlorobuta-1,3-diene	FAMHalogenatedHC
100-44-7	602-037-00-3	α -chlorotoluene; benzyl chloride	FAMHalogenatedHC
98-07-7	602-038-00-9	α,α,α -trichlorotoluene; benzotrichloride	FAMHalogenatedHC
96-18-4	602-062-00-X	1,2,3-trichloropropane	FAMHalogenatedHC
96-23-1	602-064-00-0	1,3-dichloro-2-propanol	FAMHalogenatedHC
764-41-0	602-073-00-X	1,4-dichlorobut-2-ene	FAMHalogenatedHC
96-13-9	602-088-00-1	2,3-dibromopropan-1-ol; 2,3-dibromo-1-propanol	FAMHalogenatedHC
106-89-8	603-026-00-6	Epichlorohydrin (1-chloro-2,3-epoxypropane)	FAMHalogenatedHC
542-88-1	603-046-00-5	bis (chloromethyl) ether; oxybis(chloromethane)	FAMHalogenatedHC
51594-55-9	603-166-00-8	R-1-chloro-2,3-epoxypropane	FAMHalogenatedHC
1836-75-5	609-040-00-9	nitrofen (ISO); 2,4-dichlorophenyl 4-nitrophenyl	FAMHalogenatedHC
91-94-1	612-068-00-4	3,3'-dichlorobenzidine; 3,3'-dichlorobiphenyl-4,4	FAMHalogenatedHC
612-83-9	612-069-00-X	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-, dihydrochloride	FAMHalogenatedHC
531-85-1	612-070-00-5	[1,1'-Biphenyl]-4,4'-diamine, dihydrochloride	FAMHalogenatedHC
101-14-4	612-078-00-9	2,2'-dichloro-4,4'-methylenedianiline; 4,4'-methylene bis(2-chloroaniline)	FAMHalogenatedHC
612-82-8	612-081-00-5	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-, dihydrochloride	FAMHalogenatedHC
106-47-8	612-137-00-9	4-chloroaniline	FAMHalogenatedHC
7439-97-6		mercury	FAMHg
NOCAS0004		Organic mercury compounds	FAMHg
NOCAS0031		MERCURY COMPOUNDS	FAMHg
129-16-8	080-004-00-7	Mercury, (2',7'-dibromo-3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-4'-yl)hydroxy-, disodium salt	FAMHg
55728-51-3	080-004-00-7	Mercury, (2',7'-dibromo-3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-4'-yl)hydroxy-	FAMHg
302-01-2	007-008-00-3	hydrazine	FAMHydrazine
57-14-7	007-012-00-5	N,N-dimethylhydrazine	FAMHydrazine
540-73-8	007-013-00-0	1,2-dimethylhydrazine	FAMHydrazine
NOCAS0016	007-014-00-6	salts of hydrazine	FAMHydrazine
NOCAS0033	007-022-00-X	hydrazine bis(3-carboxy-4-hydroxybenzenesulfonate)	FAMHydrazine
20773-28-8	609-053-00-X	hydrazine-trinitromethane	FAMHydrazine



CAS Number	EU Index Number	Chemical Name	Chemical Family
100-63-0	612-023-00-9	phenylhydrazine	FAMHydrazine
27140-08-5	612-023-00-9	phenylhydrazine hydrochloride	FAMHydrazine
52033-74-6	612-023-00-9	phenylhydrazinium sulphate (2:1)	FAMHydrazine
59-88-1	612-023-00-9	phenylhydrazinium chloride	FAMHydrazine
75-55-8	613-033-00-6	2-methylaziridine; propyleneimine	FAMHydrazine
140-66-9		4-(1,1,3,3-tetramethylbutyl)phenol; octylphenol	FAMHydrocarbon
2465-27-2		4,4'-CARBONIMIDOYLBIS(N,N-DIMETHYLANILIN); AURAMIN	FAMHydrocarbon
25637-99-4		Hexabromocyclododecane	FAMHydrocarbon
294-62-2		Cyclododecane	FAMHydrocarbon
51000-52-3		neodecanoic acid, ethenyl ester	FAMHydrocarbon
55-18-5		N-NITROSODIETHYLAMINE	FAMHydrocarbon
68308-34-9		SHALE-OILS	FAMHydrocarbon
684-93-5		N-METHYL-N-NITROSUREA	FAMHydrocarbon
732-26-3		2,4,6-tri-tert-butylphenol	FAMHydrocarbon
759-73-9		N-ETHYL-N-NITROSUREA	FAMHydrocarbon
77-47-4		Hexachlorocyclopentadiene	FAMHydrocarbon
793-24-8		4-(dimethylbutylamino)diphenylamin (6PPD)	FAMHydrocarbon
87-68-3		Hexachlorobuta1,3-diene	FAMHydrocarbon
542-56-3	007-017-00-2	isobutyl nitrite	FAMHydrocarbon
101377-47-3	014-019-00-7	A mixture of: 4-[[bis-(4-fluorophenyl)methylsilyl]	FAMHydrocarbon
680-31-9	015-106-00-2	hexamethylphosphoric triamide; hexamethylphosphor	FAMHydrocarbon
1120-71-4	016-032-00-3	1,3-propanesultone; 1,2-oxathiolane 2,2-dioxide	FAMHydrocarbon
106-97-8	601-004-01-8	butane (containing ≥ 0.1 % butadiene (203-450-8));	FAMHydrocarbon
106-99-0	601-013-00-X	1,3-butadiene; buta-1,3-diene	FAMHydrocarbon
78-79-5	601-014-00-5	isoprene (stabilized); 2-methyl-1,3-butadiene	FAMHydrocarbon
79-01-6	602-027-00-9	trichloroethylene; trichloroethene	FAMHydrocarbon
127-18-4	602-028-00-4	TETRACHLOROETHYLENE; Perchloroethylene	FAMHydrocarbon
109-86-4	603-011-00-4	2-methoxyethanol; ethylene glycol monomethyl ethe	FAMHydrocarbon
110-80-5	603-012-00-X	2-ethoxyethanol; ethylene glycol monoethyl ether	FAMHydrocarbon
75-21-8	603-023-00-X	ethylene oxide; oxirane	FAMHydrocarbon
75-56-9	603-055-00-4	propylene oxide; 1,2-epoxypropane;	FAMHydrocarbon
1464-53-5	603-060-00-1	2,2'-bioxirane; 1,2:3,4-diepoxybutane	FAMHydrocarbon
556-52-5	603-063-00-8	2,3-epoxypropan-1-ol; glycidol; oxiranemethanol	FAMHydrocarbon
122-60-1	603-067-00-X	phenyl glycidyl ether; 2,3-epoxypropyl phenyl eth	FAMHydrocarbon
107-30-2	603-075-00-3	chlormethyl methyl ether; chlorodimethyl ether	FAMHydrocarbon
1589-47-5	603-106-00-0	2-methoxypropanol	FAMHydrocarbon
111-96-6	603-139-00-0	bis(2-methoxyethyl) ether	FAMHydrocarbon



CAS Number	EU Index Number	Chemical Name	Chemical Family
57044-25-4	603-143-00-2	R-2,3-epoxy-1-propanol	FAMHydrocarbon
6807-17-6	604-024-00-8	4,4-isobutylethylidenediphenol ; 2,2-Bis(4-hydroxyphenyl)-4-methyl-n-pentane	FAMHydrocarbon
94-59-7	605-020-00-9	safrole; 5-allyl-1,3-benzodioxole	FAMHydrocarbon
57-57-8	606-031-00-1	3-propanolide; 1,3-propiolactone	FAMHydrocarbon
110-49-6	607-036-00-1	2-methoxyethyl acetate; methylglycol acetate	FAMHydrocarbon
111-15-9	607-037-00-7	2-ethoxyethyl acetate; ethylglycol acetate	FAMHydrocarbon
5543-57-7	607-056-00-0	warfarin; (S)-4-hydroxy-3-(3-oxo-1-phenylbutyl)-2-benzopyrone	FAMHydrocarbon
5543-58-8	607-056-00-0	(R)-4-hydroxy-3-(3-oxo-1-phenylbutyl)-2-benzopyrone	FAMHydrocarbon
77402-03-0	607-190-00-X	methyl acrylamidomethoxyacetate (containing ≥ 0,1	FAMHydrocarbon
80387-97-9	607-203-00-9	2-ethylhexyl[[[3,5-bis(1,1-dimethylethyl)-4-hydrox	FAMHydrocarbon
77402-05-2	607-210-00-7	methyl acrylamidoglycolate (containing ≥ 0,1 % ac	FAMHydrocarbon
70657-70-4	607-251-00-0	2-methoxypropyl acetate	FAMHydrocarbon
625-45-6	607-312-00-1	methoxyacetic acid	FAMHydrocarbon
119738-06-6	607-373-00-4	(±) tetrahydrofurfuryl (R)-2-[4-(6-chloroquinoxali	FAMHydrocarbon
107-13-1	608-003-00-4	acrylonitrile	FAMHydrocarbon
602-87-9	609-037-00-2	5-nitroacenaphthene	FAMHydrocarbon
91-23-6	609-047-00-7	2-nitroanisole	FAMHydrocarbon
606-20-2	609-049-00-8	2,6-dinitrotoluene	FAMHydrocarbon
610-39-9	609-051-00-9	3,4-dinitrotoluene	FAMHydrocarbon
619-15-8	609-055-00-0	2,5-dinitrotoluene	FAMHydrocarbon
88-72-2	609-065-00-5	2-nitrotoluene	FAMHydrocarbon
103-33-3	611-001-00-6	azobenzene	FAMHydrocarbon
85136-74-9	611-057-00-1	6-hydroxy-1-(3-isopropoxypropyl)-4-methyl-2-oxo-5-	FAMHydrocarbon
90-04-0	612-035-00-4	2-methoxyaniline; o-anisidine	FAMHydrocarbon
92-87-5	612-042-00-2	benzidine; 1,1'-biphenyl-4,4'-diamine; 4,4'-diam	FAMHydrocarbon
101-77-9	612-051-00-1	4,4'-diaminodiphenylmethane; 4,4'-methylenedianil	FAMHydrocarbon
36341-27-2	612-070-00-5	[1,1'-Biphenyl]-4,4'-diamine, acetate	FAMHydrocarbon
92-67-1	612-072-00-6	[1,1'-Biphenyl]-4-amine; biphenyl-4-ylamine; xenylamine; 4-aminobiphenyl	FAMHydrocarbon
62-75-9	612-077-00-3	dimethylnitrosoamine; N-nitrosodimethylamine	FAMHydrocarbon
70-25-7	612-083-00-6	1-methyl-3-nitro-1-nitrosoguanidine	FAMHydrocarbon
1116-54-7	612-090-00-4	2,2'-(nitrosoimino)bisethanol	FAMHydrocarbon
621-64-7	612-098-00-8	nitrosodipropylamine	FAMHydrocarbon
95-80-7	612-099-00-3	4-methyl-m-phenylene diamine	FAMHydrocarbon
823-40-5	612-151-00-5	2-methyl-m-phenylene diamine	FAMHydrocarbon
2451-62-9	615-021-00-6	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H	FAMHydrocarbon
68-12-2	616-001-00-X	N,N-dimethylformamide; dimethyl formamide	FAMHydrocarbon
79-06-1	616-003-00-0	acrylamide; prop-2-enamide	FAMHydrocarbon

