



Rujukan : Bil (3) dlm. NPRA/PPPK/01/04
Tarikh : 25 November 2021

SEMUA PEMEGANG NOTIFIKASI KOSMETIK

SEMUA PERSATUAN BERKENAAN

Tuan/Puan

PEKELILING BIL 3/2021

MAKLUMAN BERKENAAN STATUS KEMASKINI BAHAN-BAHAN DALAM ANNEX PADA *GUIDELINES FOR CONTROL OF COSMETIC PRODUCTS IN MALAYSIA*

Saya dengan hormatnya merujuk kepada perkara tersebut di atas.

2. Bahagian Regulatori Farmasi Negara (NPRA) telah menjalankan semakan dan pindaan secara berkala pada kandungan *Guidelines for Control of Cosmetic Products in Malaysia* untuk diselaraskan dengan pindaan yang dibuat pada ASEAN Cosmetic Directive (ACD).

3. Mesyuarat *ASEAN Cosmetic Committee (ACC)* kali ke-34 yang telah diadakan secara *virtual* pada 15-16 November 2021 telah bersetuju untuk mengemaskini beberapa bahan di dalam Annex II, III, VI dan VI pada ACD.

4. Pindaan pada Annex adalah seperti berikut:

4.1 **Annex II** (*List of Prohibited Substances*)

Larangan penggunaan bahan-bahan seperti pada **Lampiran A**.

4.1.1 *Silver Nitrate*

Produk kosmetik bernoifikasi yang mengandungi bahan tersebut hanya dibenarkan berada di pasaran **sehingga 6 Oktober 2022**.

4.1.2 *222 Bahan larangan untuk diselaraskan dengan EU 2019/1966 dan 2019/831*

Produk kosmetik bernoifikasi yang mengandungi bahan-bahan tersebut hanya dibenarkan berada di pasaran **sehingga 6 Oktober 2022**.

4.2 **Annex III (List of Restricted Substances)**

Penambahan syarat penggunaan bahan-bahan seperti pada **Lampiran B**.

- 4.2.1 *Dimethylpiperazinium Aminopyrazolopyridine HCl* dimasukkan ke dalam Annex III dengan syarat-syarat yang dinyatakan. Produk kosmetik bernetifikasi yang tidak mematuhi syarat baharu yang ditetapkan hanya dibenarkan berada di pasaran **sehingga 6 April 2023**.
- 4.2.2 *Methylimidazoliumpropyl p-phenylenediamine HCl* dimasukkan ke dalam Annex III dengan syarat-syarat yang dinyatakan. Produk kosmetik bernetifikasi yang tidak mematuhi syarat baharu yang ditetapkan hanya dibenarkan berada di pasaran **sehingga 6 April 2023**.
- 4.2.3 *HC Orange No 6* dimasukkan ke dalam Annex III dengan syarat-syarat yang dinyatakan. Produk kosmetik bernetifikasi yang tidak mematuhi syarat baharu yang ditetapkan hanya dibenarkan berada di pasaran **sehingga 6 April 2023**.
- 4.2.4 *Acid Orange 7* dimasukkan ke dalam Annex III dengan syarat-syarat yang dinyatakan. Produk kosmetik bernetifikasi yang tidak mematuhi syarat baharu yang ditetapkan hanya dibenarkan berada di pasaran **sehingga 6 April 2023**.
- 4.2.5 *Tetrabromophenol Blue* dimasukkan ke dalam Annex III dengan syarat-syarat yang dinyatakan. Produk kosmetik bernetifikasi yang tidak mematuhi syarat baharu yang ditetapkan hanya dibenarkan berada di pasaran **sehingga 6 April 2023**.
- 4.2.6 *Indigofera tinctoria, dried and pulverised leaves of Indigofera tinctoria L* dimasukkan ke dalam Annex III dengan syarat-syarat yang dinyatakan. Produk kosmetik bernetifikasi yang tidak mematuhi syarat baharu yang ditetapkan hanya dibenarkan berada di pasaran **sehingga 6 April 2023**.
- 4.2.7 *Trimethylbenzoyl diphenylphosphine oxide* dimasukkan ke dalam Annex III dengan syarat-syarat yang dinyatakan. Produk kosmetik bernetifikasi yang tidak mematuhi syarat baharu yang ditetapkan hanya dibenarkan berada di pasaran **sehingga 6 April 2023**.
- 4.2.8 *2-Furaldehyde (Furfural)* dimasukkan ke dalam Annex III dengan syarat-syarat yang dinyatakan. Produk kosmetik bernetifikasi yang tidak mematuhi syarat baharu yang ditetapkan hanya dibenarkan berada di pasaran **sehingga 6 April 2023**.

4.3 **Annex VI (List of Preservatives)**

Kemaskini syarat penggunaan bahan seperti pada **Lampiran C**.

4.3.1 *Polyaminopropyl biguanide* dikemaskini dalam Annex VI dengan syarat-syarat yang dinyatakan. Produk kosmetik bertonifikasi yang tidak mematuhi syarat baharu yang ditetapkan hanya dibenarkan berada di pasaran **sehingga 6 April 2023**.

4.4 **Annex VI (List of UV Filters)**

Penambahan bahan penapis UV yang dibenarkan seperti pada **Lampiran D**.

4.4.1 *Methoxypropylamino Cyclohexenylidene Ethoxyethylcyanoacetate* dimasukkan ke dalam Annex VII dengan syarat-syarat yang dinyatakan. Bahan tersebut boleh digunakan sebagai bahan penapis UV dalam produk kosmetik bertonifikasi kuatkuasa serta-merta.

5. Sehubungan dengan itu, semua Pemegang Notifikasi Kosmetik adalah disarankan untuk membuat perancangan yang teliti bagi mengelakkan sebarang kesulitan yang akan timbul.

6. Pemegang Notifikasi Kosmetik diingatkan untuk mematuhi kesemua arahan dan peraturan perundangan di bawah Peraturan 18A Peraturan-Peraturan Kawalan Dadah dan Kosmetik 1984 dan *Guidelines for Control of Cosmetic Products in Malaysia*.

Sekian, terima kasih.

"WAWASAN KEMAKMURAN BERSAMA 2030"

"BERKHIDMAT UNTUK NEGARA"

Saya yang menjalankan amanah,



ROSILAWATI BINTI AHMAD (RPh. 1413)

Timbalan Pengarah

b.p. Pengarah Bahagian Regulatori Farmasi Negara
Kementerian Kesihatan Malaysia

RAVas/ec

s.k. Pengarah Bahagian Regulatori Farmasi Negara

- s.k
- i) Pengarah Kanan Perkhidmatan Farmasi
Kementerian Kesihatan Malaysia
 - ii) Pengarah
Bahagian Penguatkuasaan Farmasi
Kementerian Kesihatan Malaysia
 - iii) Timbalan Pengarah Pusat Penilaian Produk dan Kosmetik
Bahagian Regulatori Farmasi Negara
 - iv) Timbalan Pengarah Pusat Komplians dan Kawalan Kualiti
Bahagian Regulatori Farmasi Negara
 - v) Timbalan Pengarah Pusat Koordinasi dan Perancangan Strategik Regulatori
Bahagian Regulatori Farmasi Negara

SENARAI EDARAN

1. Presiden
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2. Presiden
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Lampiran A

Annex II no. A1143, no. 1385-1394, no. 1401-1574 dan no. 1580-1641

Substances	CAS Number	Ref. No
Silver Nitrate	7761-88-8	A1143
Cis-1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride (cis-CTAC)	51229-78-8	1385
2,2'-((3,3',5,5'-Tetramethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(oxymethylene))-bis-oxirane	85954-11-6	1390
1-Cyclopropyl-6,7-difluoro-1,4-dihydro-4-oxoquinoline-3-carboxylic acid	93107-30-3	1392
Diboron trioxide; boric oxide	1303-86-2	1394
Nickel bis(tetrafluoroborate)	14708-14-6	1401
Mancozeb (ISO); manganese ethylenebis(dithiocarbamate) (polymeric) complex with zinc salt	8018-01-7	1402
Maneb (ISO); manganese ethylenebis(dithiocarbamate)(polymeric)	12427-38-2	1403
Benfuracarb (ISO); ethyl N-[2,3-dihydro-2,2-dimethylbenzofuran-7-yloxy carbonyl(methyl)64minothiol]-Nisopropyl-β-alaninate	82560-54-1	1404
O-Isobutyl-N-ethoxy carbonylthiocarbamate	103122-66-3	1405
Chlorpropham (ISO); isopropyl 3-chlorocarbanilate	101-21-3	1406
O-Hexyl-N-ethoxycarbonylthiocarbamate	109202-58-6	1407
1Hydroxylammonium nitrate	13465-08-2	1408
(4-Ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethylsilane	105024-66-6	1409
Phoxim (ISO); a-(diethoxy-phosphinothioylimino) phenylacetoneitrile	14816-18-3	1410
Glufosinate ammonium (ISO); ammonium 2-amino-4-(hydroxymethylphosphinyl) butyrate	77182-82-2	1411
"Reaction mass of: dimethyl (2-(hydroxymethylcarbamoylethyl) phosphonate; diethyl (2-(hydroxymethylcarbamoylethyl)phosphonate; methyl ethyl(2-(hydroxymethylcarbamoylethyl)phosphonate"	-	1412
(4-Phenylbutyl)phosphinic acid	86552-32-1	1413
"Reaction mass of: 4,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol; 4,8-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol; 5,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol"	170016-25-8	1414
Potassium titanium oxide (K ₂ Ti ₆ O ₁₃)	12056-51-8	1415
Cobalt di(acetate)	71-48-7	1416
Cobalt dinitrate	10141-05-6	1417
Cobalt carbonate	513-79-1	1418
Nickel dichloride	7718-54-9	1419
Nickel dinitrate [1]; Nitric acid, nickel salt [2]	13138-45-9 [1] 14216-75-2 [2]	1420
Nickel matte	69012-50-6	1421
Slimes and sludges, copper electrolytic refining, decopperised, nickel sulfate	92129-57-2	1422
Slimes and sludges, copper electrolyte refining, decopperised	94551-87-8	1423
Nickel diperchlorate; perchloric acid, nickel(II) salt	13637-71-3	1424
Nickel dipotassium bis(sulfate) [1]; Diammonium nickel bis(sulfate) [2]	13842-46-1 [1] 15699-18-0 [2]	1425
Nickel bis(sulfamidate); nickel sulfamate	13770-89-3	1426
Nickel di(acetate) [1]; Nickel acetate [2]	373-02 373-02-4 [1] 14998-37-9 [2]	1429
Nickel dibenzoate	553-71-9	1430
Nickel bis(4-cyclohexylbutyrate)	3906-55-6	1431
Nickel(II) stearate; nickel(II) octadecanoate	2223-95-2	1432

Nickel dilactate	16039-61-5	1433
Nickel(II) octanoate	4995-91-9	1434
Nickel difluoride [1]; Nickel dibromide [2]; Nickel diiodide [3]; Nickel potassium fluoride [4]	10028-18-9 [1] 13462-88-9 [2] 13462-90-3 [3] 11132-10-8 [4]	1435
Nickel hexafluorosilicate	26043-11-8	1436
Nickel selenate	15060-62-5	1437
"Nickel hydrogen phosphate [1]; Nickel bis(dihydrogen phosphate) [2]; Trinickel bis(orthophosphate) [3]; Dinickel diphosphate [4]; Nickel bis(phosphinate) [5]; Nickel phosphinate [6]; Phosphoric acid, calcium nickel salt [7]; Diphosphoric acid, nickel(II) salt [8]"	14332-34-4 [1] 18718-11-1 [2] 10381-36-9 [3] 14448-18-1 [4] 14507-36-9 [5] 36026-88-7 [6] 17169-61-8 [7] 19372-20-4 [8]	1438
Diammonium nickel hexacyanoferrate	74195-78-1	1439
Nickel dicyanide	557-19-7	1440
Nickel chromate	14721-18-7	1441
Nickel(II) silicate [1]; Dinickel orthosilicate [2]; Nickel silicate (3:4) [3]; Silicic acid, nickel salt [4]; Trihydrogen hydroxybis[orthosilicato(4-)]trinickelate(3-) [5]	21784-78-1 [1] 13775-54-7 [2] 31748-25-1 [3] 37321-15-6 [4] 12519-85-6 [5]	1442
Dinickel hexacyanoferrate	4874-78-3	1443
Trinickel bis(arsenate); nickel(II) arsenate	13477-70-8	1444
Nickel oxalate [1]; Oxalic acid, nickel salt [2]	547-67-1 [1] 20543-06-0 [2]	1445
Nickel telluride	12142-88-0	1446
Trinickel tetrasulfide	12137-12-1	1447
Trinickel bis(arsenite)	74646-29-0	1448
Cobalt nickel gray periclase; C.I. Pigment Black 25; C.I. 77332 [1]; Cobalt nickel dioxide [2]; Cobalt nickel oxide [3]; Nickel arsenide [2]	68186-89-0 [1] 58591-45-0 [2] 12737-30-3 [3] 27016-75-7 [2]	1449
Nickel tin trioxide; nickel stannate	12035-38-0	1450
Nickel triuranium decaoxide	15780-33-3	1451
Nickel dithiocyanate	13689-92-4	1452
Nickel dichromate	15586-38-6	1453
Nickel(II) selenite	10101-96-9	1454
Nickel selenide	1314-05-2	1455
Silicic acid, lead nickel salt	68130-19-8	1456
Cobalt lithium nickel oxide		1464
Molybdenum trioxide	1313-27-5	1465
Dibutyltin dichloride; (DBTC)	683-18-1	1466
4,4'-Bis(N-carbamoyl-4-methylbenzenesulfonamide)diphenylmethane	151882-81-4	1467
Furfuryl alcohol	98-00-0	1468
1,2-Epoxy-4-epoxyethylcyclohexane; 4-vinylcyclohexene diepoxide	106-87-6	1469
6-Glycidyloxynaphth-1-yl oxymethyloxirane	27610-48-6	1470
2-(2-Aminoethylamino)ethanol; (AEEA)	111-41-1	1471
1,2-Diethoxyethane	629-14-1	1472
2,3-Epoxypropyltrimethylammonium chloride; glycidyl trimethylammonium chloride	3033-77-0	1473
1-(2-Amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride	214353-17-0	1474

(E)-3-[1-[4-[2-(Dimethylamino)ethoxy]phenyl]-2-phenylbut-1-enyl]phenol	82413-20-5	1475
4,4'-(1,3-Phenylene-bis(1-methylethylidene))bis-phenol	13595-25-0	1476
2-Chloro-6-fluoro-phenol	2040-90-6	1477
2-Methyl-5-tert-butylthiophenol		1478
2-Butyryl-3-hydroxy-5-thiocyclohexan-3-yl-cyclohex-2-en-1-one	94723-86-1	1479
Profoxydim (ISO); 2-((EZ)-1-[(2RS)-2-(4-chlorophenoxy)propoxyimino] butyl)-3-hydroxy-5-(thian-3-yl)cyclohex-2-en-1-one	139001-49-3	1480
Tepraloxym (ISO); (RS)-(EZ)-2-{1-[(2E)-3-chloroallyloxyimino]propyl}-3-hydroxy-5-perhydropyran-4-ylcyclohex-2-en-1-one	149979-41-9	1481
Cyclic 3-(1,2-ethanedylacetale)-estra-5(10),9(11)-diene-3,17-dione	5571-36-8	1482
Androsta-1,4,9(11)-triene-3,17-dione	15375-21-0	1483
Reaction mass of: Ca salicylates (branched C10-14 and C18-30 alkylated); Ca phenates (branched C10-14 and C18-30 alkylated); Ca sulfurised phenates (branched C10-14 and C18-30 alkylated)		1484
1,2-Benzenedicarboxylic acid; di-C6-8-branched alkylesters, C7-rich	71888-89-6	1485
Reaction mass of: diester of 4,4'-methylenebis[2-(2-hydroxy-5-methylbenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxonaphthalene-1-sulfonic acid (1:2); triester of 4,4'-methylenebis[2-(2-hydroxy-5-methylbenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxonaphthalene-1-sulfonic acid (1:3)		1486
Diammonium 1-hydroxy-2-(4-(4-carboxyphenylazo)-2,5-dimethoxyphenylazo)-7-amino-3-naphthalenesulfonate	150202-11-2	1487
3-Oxoandrost-4-ene-17-β-carboxylic acid	302-97-6	1488
(Z)-2-Methoxyimino-2-[2-(tritylamino)thiazol-4-yl]acetic acid	64485-90-1	1489
Diisobutyl phthalate	84-69-5	1492
Perfluorooctane sulfonic acid; heptadecafluorooctane-1-sulfonic acid [1]; Potassium perfluorooctanesulfonate; potassium heptadecafluorooctane-1-sulfonate [2]; Diethanolamine perfluorooctane sulfonate [3]; Ammonium perfluorooctane sulfonate; ammonium heptadecafluorooctanesulfonate [4]; Lithium perfluorooctane sulfonate; lithium heptadecafluorooctanesulfonate [5]	1763-23-1 [1] 2795-39-3 [2] 70225-14-8 [3] 29081-56-9 [4] 29457-72-5 [5]	1493
Ethyl 1-(2,4-dichlorophenyl)5-(trichloromethyl)-1H-1,2,4-triazole-3-carboxylate	103112-35-2	1494
1-Bromo-2-methylpropyl propionate	158894-67-8	1495
Chloro-1-ethylcyclohexyl carbonate	99464-83-2	1496
6,6'-Bis(diazo-5,5',6,6'-tetrahydro-5,5'-dioxo)[methylene-bis(5-(6-diazo-5,6-dihydro-5-oxo-1-naphthylsulphonyloxy)-6-methyl-2-phenylene)] di(naphthalene-1-sulfonate)		1497
Trifluralin (ISO); a,a,a-trifluoro-2,6-dinitro-N,N-dipropyl-ptoluidine; 2,6-dinitro-N,N-dipropyl-4-trifluoromethylaniline; N,Ndipropyl-2,6-dinitro-4-trifluoromethylaniline	1582-09-8	1498
4-Mesyl-2-nitrotoluene	1671-49-4	1499
Triammonium 4-[4-[7-(4-carboxylatoanilino)-1-hydroxy-3-sulfonato-2-naphthylazo]-2,5-dimethoxyphenylazo]benzoate	221354-37-6	1500
Reaction mass of: triammonium 6-amino-3-((2,5-diethoxy-4-(3-phosphonophenyl) azo)phenyl)azo-4-hydroxy-2-naphthalenesulfonate; diammonium 3-((4-((7-amino-1-hydroxy-3-sulfo-naphthalen-2-yl)azo)-2,5-diethoxyphenyl)azo)benzoate	163879-69-4	1501
N,N'-Diacetylbenzidine	613-35-4	1502
Piperazine	110-85-0	1504
Hydroxylamine	7803-49-8	1505
Hydroxylammonium chloride; hydroxylamine hydrochloride [1]; Bis(hydroxylammonium) sulfate; hydroxylamine sulfate (2:1) [2]	5470-11-1 [1] 10039-54-0 [2]	1506
"Diaminotoluene, methyl-phenylenediamine, technical product reaction mass	-	1507

of [4-methyl-m-phenylenediamine and 2-methylm-phenylenediamine] Methyl-phenylene diamine; diaminotoluene"		
Mepanipirim; 4-methyl-N-phenyl-6-(1-propynyl)-2-pyrimidinamine	110235-47-7	1508
Hydroxylammonium hydrogensulfate; hydroxylamine sulfate(1:1) [1]; Hydroxylamine phosphate [2]; Hydroxylamine dihydrogenphosphate [3]; Hydroxylamine 4-methylbenzenesulfonate [4]	10046-00-1 [1] 20845-01-6 [2] 19098-16-9 [3] 53933-48-5 [4]	1509
(3-Chloro-2-hydroxypropyl) trimethylammonium chloride	3327-22-8	1510
Biphenyl-3,3',4,4'-tetrayltetraamine; diaminobenzidine	91-95-2	1511
Piperazine hydrochloride [1]; Piperazine dihydrochloride [2]; Piperazine phosphate [3]	6094-40-2 [1] 142-64-3 [2] 1951-97-9 [3]	1512
3-(Piperazin-1-yl)-benzo[d]isothiazole hydrochloride	87691-88-1	1513
2-Ethylphenylhydrazine hydrochloride	19398-06-2	1514
(2-Chloroethyl)(3-hydroxypropyl)ammonium chloride	40722-80-3	1515
4-[(3-Chlorophenyl)(1H-imidazol-1-yl)methyl]-1,2-benzenediamine dihydrochloride	159939-85-2	1516
Chloro-N,N-dimethylformiminium chloride	3724-43-4	1517
7-Methoxy-6-(3-morpholin-4-yl-propoxy)-3H-quinazolin-4-one	199327-61-2	1518
Reaction products of diisopropanolamine with formaldehyde (1:4)	220444-73-5	1519
3-Chloro-4-(3-fluorobenzoyloxy)aniline	202197-26-0	1520
Ethidium bromide; 3,8-diamino-1-ethyl-6-phenylphenantridinium bromide	1239-45-8	1521
(R,S)-2-Amino-3,3-dimethylbutane amide	144177-62-8	1522
3-Amino-9-ethyl carbazole; 9-ethylcarbazol-3-ylamine	132-32-1	1523
(6R-trans)-1-((7-Ammonio-2-carboxylato-8-oxo-5-thia-1-azabicyclo-[4.2.0]oct-2-en-3-yl)methyl)pyridinium iodide	100988-63-4	1524
Forchlorfenuron (ISO); 1-(2-chloro-4-pyridyl)-3-phenylurea	68157-60-8	1525
Tetrahydro-1,3-dimethyl-1H-pyrimidin-2-one; dimethyl propyleneurea	7226-23-5	1526
Ketoconazole; 1-[4-[4-[[[(2SR,4RS)-2-(2,4-dichlorophenyl)-2-(imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1-yl]ethanone	65277-42-1	1528
Metconazole (ISO); (1RS,5RS;1RS,5SR)-5-(4-chlorobenzyl)-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol	125116-23-6	1529
Potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1-methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate	183196-57-8	1530
N,N',N''-Tris(2-methyl-2,3-epoxypropyl)-perhydro-2,4,6-oxo-1,3,5-triazine	26157-73-3	1531
Trimethylpropane tri(3-aziridinylpropanoate); (TAZ)	52234-82-9	1532
4,4'-Methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate [1]; 2,2'-Methylenediphenyl diisocyanate; diphenylmethane-2,2'-diisocyanate [2]; o-(p-Isocyanatobenzyl)phenyl isocyanate; diphenylmethane-2,4'-diisocyanate [3]; Methylenediphenyl diisocyanate [4]	101-68-8 [1] 2536-05-2 [2] 5873-54-1 [3] 26447-40-5 [4]	1533
Cinidon ethyl (ISO); ethyl (Z)-2-chloro-3-[2-chloro-5-(cyclohex-1-ene-1,2-dicarboximido)phenyl]acrylate	142891-20-1	1534
N-[6,9-Dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-6-oxo-1H-purin-2-yl]acetamide	84245-12-5	1535
Dimoxystrobin (ISO); (E)-2-(methoxyimino)-N-methyl-2-[a-(2,5-xilyloxy)-o-tolyl] acetamide	149961-52-4	1536
N,N-(Dimethylamino)thioacetamide hydrochloride	27366-72-9	1537
Reaction mass of: 2,2'-[[3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[N-(2,4-dimethylphenyl)-3-oxo-butanamide; 2-[[3,3'-dichloro-4'-[[1[[[(2,4-dimethylphenyl)amino]carbonyl]-2-oxopropyl]azo][1,1'-biphenyl]-4-yl]azo]-N-(2-methylphenyl)-3-oxo-butanamide; 2-[[3,3'-dichloro-4'-[[1[[[(2,4-dimethylphenyl)amino]carbonyl]-2-oxopropyl]azo][1,1'-biphenyl]-4-yl]azo]-N-(2-carboxylphenyl)-3-oxo-butanamide		1538

<p>Petroleum, coal, tar and natural gas and their derivatives generated using distillation and/or other processing methods if they contain = 0,005 % w/w benzo[a]pyrene</p>	<p>90640-85-0 [1]; 92061-93-3 [2]; 90640-84-9 [3]; 61789-28-4 [4]; 70321-79-8 [5]; 122384-77-4 [6]; 70321-80-1[7];</p>	<p>1540</p>
<p>Petroleum, coal, tar and natural gas and their derivatives generated using distillation and/or other processing methods if they contain = 0,1 % w/w benzene or if they contain = 0,005 % w/w benzo[a]pyrene</p>	<p>85029-51-2 [1]; 84650-04-4 [2]; 84989-09-3 [3]; 91995-49-2 [4]; 121620-47-1 [5]; 121620-48-2 [6]; 90640-90-7 [7]; 90641-04-6 [8]; 101896-27-9 [9]; 101794-91-6[10]; 91995-48-1 [11]; 90641-05-7 [12]; 84989-12-8 [13]; 121620-46-0 [14]; 90640-81-6 [15]; 90640-82-7 [16]; 92061-92-2 [17]; 91995-15-2 [18]; 91995-16-3 [19]; 91995-17-4 [20]; 101316-87-4 [21]; 122384-78-5 [22]; 84988-93-2 [23]; 90640-88-3 [24]; 65996-83-0 [25]; 90640-89-4 [26]; 90641-06-8 [27]; 65996-85-2 [28]; 101316-86-3 [29]; 92062-22-1 [30]; 96690-55-0 [31]; 84989-04-8 [32]; 84989-05-9 [33]; 84989-06-0 [34]; 84989-03-7 [35]; 84989-07-1 [36]; 68477-23-6 [37]; 68555-24-8 [38]; 91079-47-9 [39]; 92062-26-5 [40]; 94114-29-1 [41]; 90641-00-2 [42]; 68513-87-1 [43]; 70321-67-4 [44]; 92062-29-8 [45]; 100801-63-6 [46]; 100801-65-8 [47]; 100801-66-9 [48]; 73665-18-6 [49];</p>	<p>1541</p>


	68815-21-4 [50]; 65996-86-3 [51]; 65996-84-1 [52];	
Tris[2-chloro-1-(chloromethyl)ethyl] phosphate	13674-87-8	1543
Indium phosphide	22398-80-7	1544
Trixylyl phosphate	25155-23-1	1545
Hexabromocyclododecane [1]; 1,2,5,6,9,10-Hexabromocyclododecane [2]	25637-99-4 [1] 3194-55-6 [2]	1546
Tetrahydrofuran	109-99-9	1547
Abamectin (combination of avermectin B1a and avermectin B1b) (ISO) [1]; Avermectin B1a [2]	71751-41-2 [1] 65195-55-3 [2]	1548
4-tert-Butylbenzoic acid	98-73-7	1549
Leucomalachite green; N,N,N',N'-tetramethyl-4,4'-benzylidenedianiline	129-73-7	1550
Fuberidazole (ISO); 2-(2-furyl)-1H-benzimidazole	3878-19-1	1551
Metazachlor (ISO); 2-chloro-N-(2,6-dimethylphenyl)-N-(1Hpyrazol-1-ylmethyl) acetamide	67129-08-2	1552
Di-tert-butyl peroxide	110-05-4	1553
Trichloromethylstannane	993-16-8	1554
2-Ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-methyl-7-oxo- 8-oxa-3,5-dithia-4-stannatetradecanoate	57583-34-3	1555
2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4- stannatetradecanoate	15571-58-1	1556
Sulcotrione (ISO); 2-[2-chloro-4-(methylsulfonyl)benzoyl] cyclohexane-1,3- dione	99105-77-8	1557
Bifenthrin (ISO); (2-methylbiphenyl-3-yl)methyl rel-(1R,3R)-3-[(1Z)-2-chloro- 3,3,3-trifluoroprop-1-en-1-yl]-2,2-imethylcyclopropanecarboxylate	82657-04-3	1558
Dihexyl phthalate	84-75-3	1559
Ammonium pentadecafluorooctanoate	3825-26-1	1560
Perfluorooctanoic acid	335-67-1	1561
Proquinazid (ISO); 6-iodo-2-propoxy-3-propylquinazolin-4(3H)-one	189278-12-4	1563
Gallium arsenide	1303-00-0	1564
Aclonifen (ISO); 2-chloro-6-nitro-3-phenoxyaniline	74070-46-5	1566
2-Ethylhexyl 10-ethyl-4,4-dimethyl-7-oxo-8-oxa-3,5-dithia-4- stannatetradecanoate	57583-35-4	1567
Dimethyltin dichloride	753-73-1	1568
4-Vinylcyclohexene	100-40-3	1569
Tralkoxydim (ISO); 2-(N-ethoxypropanimidoyl)-3-hydroxy-5-mesitylcyclohex-2- en-1-one	87820-88-0	1570
Cycloxydim (ISO); 2-(N-ethoxybutanimidoyl)-3-hydroxy-5-(tetrahydro-2H- thiopyran-3-yl)cyclohex-2-en-1-one	101205-02-1	1571
Fluazinam (ISO); 3-chloro-N-[3-chloro-2,6-dinitro-4-(trifluoromethyl)phenyl]-5- (trifluoromethyl)pyridin-2-amine	79622-59-6	1572
Penconazole (ISO); 1-[2-(2,4-dichlorophenyl)pentyl]-1H-1,2,4-triazole	66246-88-6	1573
Fenoxycarb (ISO); ethyl [2-(4-phenoxyphenoxy)ethyl] carbamate	72490-01-8	1574
Cymoxanil (ISO); 2-cyano-N-[(ethylamino)carbonyl]-2- (methoxyimino)acetamide	57966-95-7	1580
Tributyltin compounds		1581
Tembotrione (ISO); 2-{2-chloro-4-(methylsulfonyl)-3-[(2,2,2- trifluoroethoxy)methyl]benzoyl}cyclohexane-1,3-dione	335104-84-2	1582
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	1583
Spirotetramat (ISO); (5s,8s)-3-(2,5-dimethylphenyl)-8-methoxy-2-oxo-1- azaspiro[4,5]dec-3-en-4-yl ethyl carbonate	203313-25-1	1584
Dodemorph acetate; 4-cyclododecyl-2,6-dimethylmorpholin-4-ium acetate	31717-87-0	1585
Triflusulfuron-methyl; methyl 2-({4-(dimethylamino)-6-(2,2,2-trifluoroethoxy)-	126535-15-7	1586

1,3,5-triazin-2-yl]carbamoyle)sulfamoyle)-3-methylbenzoate		
Imazalil (ISO); 1-[2-(allyloxy)-2-(2,4-dichlorophenyl)ethyl]-1Himidazole	35554-44-0	1587
Dodemorph (ISO); 4-cyclododecyl-2,6-dimethylmorpholine	1593-77-7	1588
Lenacil (ISO); 3-cyclohexyl-6,7-dihydro-1Hcyclopenta [d]pyrimidine-2,4(3H,5H)-dione	2164-08-1	1590
Metosulam (ISO); N-(2,6-dichloro-3-methylphenyl)-5,7-dimethoxy[1,2,4]triazolo [1,5-a]pyrimidine-2-sulfonamide	139528-85-1	1591
2-Methyl-1-(4-methylthiophenyl)-2-morpholino-propan 1-one	71868-10-5	1592
2,3-Epoxypropyl methacrylate; glycidyl methacrylate	106-91-2	1593
Spiroxamine (ISO); 8-tert-butyl-1,4-dioxaspiro[4.5]decan-2-ylmethyl(ethyl)(propyl)amine	118134-30-8	1594
Cyanamide; carbanonitril	420-04-2	1595
Cyproconazole (ISO); (2RS,3RS;2RS,3SR)-2-(4-chlorophenyl)-3-cyclopropyl-1-(1H-1,2,4-triazol-1-yl)butan-2-ol	94361-06-5	1596
Cadmium carbonate	513-78-0	1598
Cadmium hydroxide; cadmium dihydroxide	21041-95-2	1599
Cadmium nitrate; cadmium dinitrate	10325-94-7	1600
Dibutyltin dilaurate; dibutyl[bis(dodecanoyloxy)] stannane	77-58-7	1601
9,10-anthraquinone	84-65-1	1603
Anthraquinone		
Nonadecafluorodecanoic acid [1]; Ammonium nonadecafluorodecanoate [2]; Sodium nonadecafluorodecanoate [3]	335-76-2 [1] 3108-42-7 [2] 3830-45-3 [3]	1604
N,N'-Methylenedimorpholine; N,N'-methylenebismorpholine; [formaldehyde released from N,N'-Methylenebismorpholine]; [MBM] if the maximum theoretical concentration of releasable formaldehyde, irrespective of the source, in the mixture as placed on the market is = 0,1 % w/w	5625-90-1	1605
Reaction products of paraformaldehyde with 2-hydroxypropylamine (3:2); [formaldehyde released from 3,3'-methylenebis[5-methyloxazolidine]; [formaldehyde released from oxazolidin]; [MBO] if the maximum theoretical concentration of releasable formaldehyde, irrespective of the source, in the mixture as placed on the market is = 0,1 % w/w		1606
Reaction products of paraformaldehyde with 2-hydroxypropylamine (1:1)); [formaldehyde released from a,a,atrimethyl-1,3,5-triazine-1,3,5(2H,4H,6H)-triethanol]; [HPT] if the maximum theoretical concentration of releasable formaldehyde, irrespective of the source, in the mixture as placed on the market is = 0,1 % w/w		1607
Methylhydrazine	60-34-4	1608
Triadimenol (ISO); (1RS,2RS;1RS,2SR)-1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)butan-2-ol; a-tert-butyl-β-(4-chlorophenoxy)-1H-1,2,4-triazole-1-ethanol	55219-65-3	1609
Thiacloprid (ISO); (Z)-3-(6-chloro-3-pyridyl-methyl)-1,3-thiazolidin-2-ylidene cyanamide; {(Z)-3-[(6-chloropyridin-3-yl)methyl]-1,3-thiazolidin-2-ylidene)cyanamide	111988-49-9	1610
Carbetamide (ISO); (R)-1-(ethylcarbamoyle) ethyl-carbanilate; (2R)-1-(ethylamino) -1-oxopropan-2-yl-phenylcarbamate	16118-49-3	1611
Phosmet (ISO); S-[(1,3-dioxo-1,3-dihydro-2H- isoindol-2-yl)methyl]-O,O-dimethyl phosphorodithioate; O,O-dimethyl-Sphthalimidomethyl phosphorodithioate	732-11-6	1612
Potassium permanganate	7722-64-7	1613
2-Benzyl-2-dimethylamino-4'- morpholinobutyrophenone	119313-12-1	1614
Quizalofop-p-tefuryl (ISO); (+/-) tetrahydrofurfuryl (R)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionate	200509-41-7	1615
Propiconazole (ISO); (2RS,4RS;2RS,4SR)-1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H- 1,2,4-triazole	60207-90-1	1616


Pinoxaden (ISO); 8-(2,6-diethyl-4-methylphenyl)-7-oxo-1,2,4,5-tetrahydro-7H-pyrazolo[1,2-d][1,4,5]oxadiazepin-9-yl 2,2-dimethylpropanoate	243973-20-8	1617
Tetramethrin; (1-Cyclohexene-1,2-Dicarboximido)Methyl Chrysanthemate; 2,2-Dimethyl-3-(2-Methyl-1-Propenyl) Cyclopropanecarboxylic Acid (1,3,4,5,6,7-Hexahydro-1,3-Dioxo-2H-Isoindol-2-yl)Methyl Ester	7696-12-0	1618
(1,3,4,5,6,7-Hexahydro-1,3-dioxo-2H-isoindol-2-yl)methyl (1Rtrans)-2,2-dimethyl-3-(2- methylprop-1-enyl) cyclopropanecarboxylate	1166-46-7	1619
Spirodiclofen (ISO); 3-(2,4-dichlorophenyl)-2-oxo- 1-oxaspiro[4.5]dec-3-en-4-yl 2,2-dimethylbutyrate	148477-71-8	1620
Reaction mass of 1-[2-(2-aminobutoxy)ethoxy]but-2-ylamine and 1-({[2-(2-aminobutoxy)ethoxy]methyl}propoxy) but-2-ylamine	897393-42-9	1621
1-Vinylimidazole	1072-63-5	1622
Amisulbrom (ISO)3-(3-bromo-6-fluoro-2-methylindol-1-ylsulfonyl)-N,N-dimethyl-1H-1,2,4-triazole-1-sulfonamide	348635-87-0	1623
Pirimicarb (ISO); 2-(dimethylamino)-5,6-dimethylpyrimidin-4-yl dimethylcarbamate	23103-98-2	1624
1,2-Dichloropropane; propylene dichloride	78-87-5	1625
Phenol, dodecyl-, branched [1] Phenol, 2-dodecyl-, branched [2] Phenol, 3-dodecyl-, branched [3] Phenol, 4-dodecyl-, branched [4] Phenol, (tetrapropenyl) derivatives [5]	121158-58-5 [1]; 1801269-80-6 [2] ; 1801269-77-1 [3]; 210555-94-5 [4]; 74499-35-7 [5]	1626
Coumatetralyl (ISO); 4- hydroxy-3-(1,2,3,4-tetrahydro-1-naphthyl) coumarin	5836-29-3	1627
Difenacoum (ISO); 3-(3- biphenyl-4-yl-1,2,3,4- tetrahydro- 1-naphthyl)- 4-hydroxycoumarin	56073-07-5	1628
Brodifacoum (ISO); 4-hydroxy-3-(3-(4' -bromo-4-biphenyl)-1,2,3,4-tetrahydro-1-naphthyl)coumarin	56073-10-0	1629
Flocoumafen (ISO); reaction mass of: cis-4- hydroxy-3- (1,2,3,4-tetrahydro-3-(4-(4-trifluoromethylbenzyloxy)phenyl)-1-naphthyl)coumarin and trans-4-hydroxy-3-(1,2,3,4- tetrahydro-3-(4-(4-trifluoromethylbenzyloxy)phenyl)-1- naphthyl)coumarin	90035-08-8	1630
Acetochlor (ISO); 2- chloro-N-(ethoxymethyl)-N-(2-ethyl-6-methylphenyl)acetamide	34256-82-1	1631
e-Glass microfibres of representative composition		1632
Glass microfibres of representative composition		1633
Bromadiolone (ISO); 3- [3-(4' -bromobiphenyl- 4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy- 2H-chromen-2-one	28772-56-7	1634
Difethialone (ISO); 3-[3-(4' -bromobiphenyl-4-yl)-1,2,3,4-tetrahydronaphthalen-1-yl]- 4-hydroxy-2H-1-benzothiopyran-2-one	104653-34-1	1635
Perfluorononan-1-oic acid [1] and its sodium [2] and ammonium [3] salts	375-95-1 [1] / 21049-39-8 [2] / 4149-60-4 [3]	1636
Dicyclohexyl phthalate	84-61-7	1637
3,7-Dimethylocta-2,6- dienenitrile	5146-66-7	1638
Bupirimate (ISO); 5-butyl-2-ethylamino-6- methylpyrimidin-4-yl dimethylsulfamate	41483-43-6	1639
Triflumizole (ISO); (1E)-N-[4-chloro-2-(trifluoromethyl) phenyl]-1- (1H-imidazol-1-yl)-2- propoxyethanimine	68694-11-1	1640
tert-Butyl hydroperoxide	75-91-2	1641

Lampiran B


Annex III no. 330 - no. 337

Ref No ACD # (EU #)	Substance/CAS No ⁽¹⁹⁾	Restrictions		Conditions of use and warning which must be printed on the labels	
		Field of application and/or use	Maximum authorised concentration in the ready for use preparation		
A	B	C	D	F	
330 (315)	4-(3-aminopyrazolo[1,5-A]pyridin-2-yl)-1,1-dimethylpiperazin-1-ium chloride hydrochloride Dimethylpiperazinium Aminopyrazolopyridine HCl 1256553-33-9	Hair dye substance in oxidative hair dye products		<p>After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 2 % (calculated as free base)</p>	<p>To be printed on the label: The mixing ratio.</p> <p> Hair colorants can cause severe allergic reactions. Read and follow instructions. This product is not intended for use on persons under the age of 16. Temporary "black henna" tattoos may increase your risk of allergy. Do not colour your hair if: — you have a rash on your face or scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary "black henna" tattoo in the past.</p>

Rujukan : Bil (3) dlm. NPRA/PPPK/01/04

<p>331 (316)</p>	<p>1-(3-((4-Aminophenyl) amino)propyl)-3-methyl-1H-imidazol-3-ium chloride hydrochloride Methylimidazoliumpropyl pphenylenediamine HCl 220158- 86-1</p>	<p>Hair dye substance in oxidative hair dye products</p>		<p>After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 2 % (calculated as free base)</p>	<p>To be printed on the label: The mixing ratio.  Hair colorants can cause severe allergic reactions. Read and follow instructions. This product is not intended for use on persons under the age of 16. Temporary "black henna" tattoos may increase your risk of allergy. Do not colour your hair if: — you have a rash on your face or scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary "black henna" tattoo in the past.</p>
<p>332 (317)</p>	<p>Di-[2-[(E)-2-[4-[bis(2-hydroxyethyl)aminophenyl]vinyl]pyridin-1-ium]-ethyl]disulphide dimethanesulfonate HC Orange No 6 1449653- 83-1</p>	<p>Hair dye substance in non-oxidative hair dye products</p>	<p>0.5 %</p>	<p>Methanesulfonates impurities, in particular ethyl methanesulfonate shall not be present.</p>	
<p>333 (318)</p>	<p>Sodium 4-[(2-hydroxy-1-naphthyl)azo]benzene sulfonate Acid Orange 7 633-96-5</p>	<p>Hair dye substance in non-oxidative hair dye products</p>	<p>0.5 %</p>		

Rujukan : Bil (3) dlm. NPRA/PPPK/01/04

334 (319)	Phenol, 4,4'-(4,5,6,7-tetrabromo-1,1-dioxido-3H-2,1-benzoxathio[3-yidene)bis [2,6-dibromo- Tetrabromophenol Blue 4430-25-5	(a) Hair dye substance in oxidative hair dye products (b) Hair dye substance in non-oxidative hair dye products	0.2 %	After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 0.2 % (calculated as free base)	To be printed on the label: The mixing ratio.  Hair colorants can cause severe allergic reactions. Read and follow instructions. This product is not intended for use on persons under the age of 16. Temporary "black henna" tattoos may increase your risk of allergy. Do not colour your hair if: — you have a rash on your face or scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary "black henna" tattoo in the past.
335 (320)	Indigofera tinctoria, dried and pulverised leaves of Indigofera tinctoria L Indigofera tinctoria leaf Indigofera tinctoria leaf powder Indigofera tinctoria leaf extract Indigofera tinctoria extract 84775- 63-3	Hair dye substance in non-oxidative hair dye products	25 %		
336 (311)	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide Trimethylbenzoyl diphenylphosphine oxide 75980- 60-8	Artificial nail systems	5.0 %	Professional use	For professional use only Avoid skin contact Read directions for use carefully
337 (312)	2-Furaldehyde Furfural 98-01-1		0.001 %		

Lampiran C

Annex VI no. 28

Reference Number	Substance	Maximum authorized concentration	Limitations and requirements	Conditions of use and warnings which must be printed on the label
a	b	c	d	e
28	Poly(1-hexamethylenebiguanide hydrochloride) Polyaminopropyl biguanide CAS 32289-58-0, 27083-27-8, 28757-47-3, 133029-32-0	0.1 %	Not to be used in applications that may lead to exposure of the end-user's lungs by inhalation	

Annex VII no. 31

Reference Number	Substance	Maximum authorized concentration	Limitations and requirements	Conditions of use and warnings which must be printed on the label
a	b	c	d	e
31	2-ethoxyethyl (2Z)-2-cyano- 2-[3-(3-methoxypropylamino) cyclohex-2-en-1-ylidene]acetate Methoxypropylamino Cyclohexenyliidene Ethoxyethylcyanoacetate CAS No 1419401-88-9	3 %	— Not to be used in applications that may lead to exposure of the end-user's lungs by inhalation — Do not use with nitrosating agents — Maximum nitrosamine content: 50 µg/kg — Keep in nitrite-free containers	