



Daftar Bahan Dikecualikan Dari Kewajiban Bersertifikat Halal

(Keputusan Menteri Agama
No. 1360 Tahun 2021)

selengkapnya silakan
cek disini ya...





A. Bahan Nabati

Jenis Bahan :

- 1 Buah segar (*fresh fruits*)
- 2 Sayuran segar (*fresh vegetables*)
- 3 Sayuran kering (*dried vegetables*)
- 4 Serealia (*cereals*)
- 5 Umbi-umbian segar (*fresh tubers*)
- 6 Umbi-umbian kering (*dried tubers*)
- 7 Kacang -kacangan segar (*fresh nuts*)
- 8 Kacang-kacangan kering (*dried nuts*)
- 9 Rumput laut segar (*fresh seaweed*)
- 10 Rumput laut kering (*dried seaweed*)
- 11 Beras jagung
- 12 Oat murni (*oat*)
- 13 Wheat gluten murni (*wheat gluten*)
- 14 Kelapa parut kering
(*desiccated coconut*)
- 15 Kelapa murni (*pure coconut*)
- 16 Air kelapa murni (*pure coconut water*)
- 17 Kulit/kembang tahu murni
(*bean curd skin/tofu skin*)

- 18 Bungkil kedelai murni (*soybean cake*)
- 19 Bungkil kacang tanah murni (*peanut cake*)
- 20 Tahu kedelai tradisional murni
(*traditional tofu from indonesia*)
- 21 Chlorella ellipsoides
- 22 Spirulina spp
- 23 Scenedesmus spp
- 24 Galactomannan
- 25 Kulit Kina (*Cinchona Bark*)
- 26 Serbuk Agar (*Pulvis Agar*)
- 27 Gom Akasia Murni (*Pure Acacia Gum*)
- 28 Minyak atsiri
- 29 Minyak kayu manis
- 30 Serbuk coklat
- 31 Menthol
- 32 Minyak oranye
- 33 Peppermint (*minyak permen*)





B. Bahan Hewan Non Sembelihan

Jenis Bahan :

- 1 Bahan yang dihasilkan dari hewan halal nonsembelihan :
 - Susu segar (*fresh milk*)
 - Telur segar
- 2 Ikan air laut/tawar/
payau segar
- 3 Ikan air laut/tawar/
payau dibekukan
- 4 Ikan air laut/tawar/payau
dikeringkan
- 5 Ikan air laut/tawar/payau
diasinkan
- 6 Belalang segar/dikeringkan
- 7 Malam Kuning (*Cera flava*)
- 8 Malam Putih (*Cera alba*)

C. Bahan berasal dari proses fermentasi mikroba

Jenis Bahan :

- 1 Tape (*ketan/singkong*)
- 2 Oncom merah (*red oncom*)
- 3 Oncom hitam (*black oncom*)
- 4 Dadih (*fermented buffalo milk*)
- 5 Tempe

D. Bahan berasal dari air alam

Jenis Bahan :

- 1 Air langsung dari sumber mata air/air tanah
- 2 Air untuk injeksi
- 3 Es batu (*ice cube*)





E. Bahan Olahan Tidak Beresiko Mengandung Dan/Atau Terkontaminasi Bahan Tidak Halal

Jenis Bahan :

- 1 Kasa pembalut (*absorbent-cotton gauze*)
- 2 Kapas murni/kapas tidak berlemak (*cotton*)
- 3 Pembalut krep katun (*cotton-crepe bandage*)
- 4 Polymer berbasis selulosa
- 5 Selulosa (*cellulose*)
 - Selulosa diasetat (*cellulose diacetate*)
 - Selulosa asetat (*cellulose acetate*)
 - Selulosa eter (*cellulose ether*)
 - Selulosa triasetat (*cellulose triacetate*)
 - Carboxy Methyl Cellulose (CMC)
 - Na-CMC

- 6 Polimer sintetik
 - Polietilen (*polyethylene/PE*)
 - Polistiren (*polystyrene/PS*)
 - Poliamin (*polyamine*)
 - Poliuretan (*polyurethane*)
 - Polieter (*polyether*)
 - Poliurea (*polyurea*)
 - Poliakrilat (*polyacrilate*) dan garamnya
 - Polivinil Pirolidon (*polyvinylpyrrolidone*)
 - Polivinil Klorida (*polyvinyl chloride/PVC*)
 - Polivinil Alkohol (*polyvinyl alcohol/PVA*)





F. Bahan Tambang

Jenis Bahan :

- 1 Magnesium Oksida (MgO)
- 2 Zink oksida (ZnO)
- 3 Bentonite
- 4 Diatomaceous earth, calcined
- 5 Diatomaceous earth, flux-calcined
- 6 Kaolin (*Aluminum silicate hydroxide*)
- 7 Zeolite
- 8 Activated Alumina (*Aluminum Oxide/ Al_2O_3*)
- 9 Perlite

- 10 Parafin (*Paraffin*)
- 11 Natrium Klorida (*Sodium Chloride*)
- 12 Diatomite
- 13 Batu bara
- 14 Kalsium oksida
- 15 Silikon dioksida (SiO_2)
- 16 Timah (II) oksida (SnO)
- 17 Batu kapur
- 18 Tanah liat





6. Bahan Kimia

Jenis Bahan :

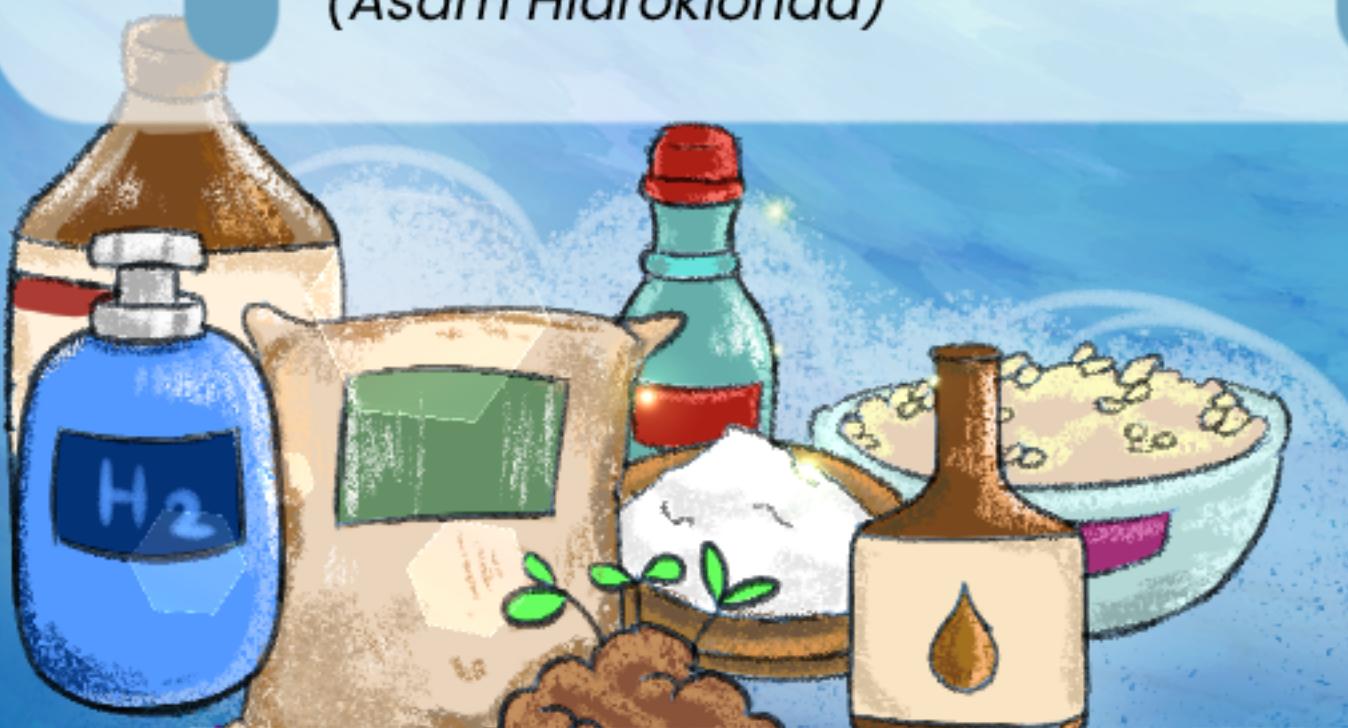
- | | | | |
|----|---|----|--|
| 1 | Amonia (<i>Ammonia</i>) | 17 | Asam edetat |
| 2 | Amonium Klorida
(<i>Ammonium Chloride</i>) | 18 | Kalium Iodida (<i>Potassium Iodide</i>) |
| 3 | Asam Alginat (<i>Alginic Acid</i>) | 19 | Kalium Klorida (<i>Potassium Chloride</i>) |
| 4 | Asam Aminosalisilat
(<i>3-Aminosalicylic Acid</i>) | 20 | Kalium Permanganat
(<i>Potassium Permanganate</i>) |
| 5 | Asam Asetat/Asam Cuka
(<i>Acetic Acid</i>) | 21 | Kalsium Hidroksida
(<i>Calcium Hydroxide</i>) |
| 6 | Asam Benzoat (<i>Benzoic Acid</i>) | 22 | Kalsium Karbonat
(<i>Calcium Carbonate</i>) |
| 7 | Asam Fosfat (<i>Phosphoric Acid</i>) | 23 | Kalsium Klorida (<i>Calcium Chloride</i>) |
| 8 | Asam Mefenamat
(<i>Mefenamic Acid</i>) | 24 | Kalsium Pantotenat
(<i>Calcium Panthotenate</i>) |
| 9 | Asam Sorbat (<i>Sorbic Acid</i>) | 25 | Kalsium Sulfat (<i>Calcium Sulphate</i>) |
| 10 | Asam Sulfat (<i>Sulfuric Acid</i>) | 26 | Klorokuin (<i>Chloroquine</i>) |
| 11 | Benzil Alkohol (<i>Benzyl Alcohol</i>) | 27 | Klorokuin Fosfat
(<i>Chloroquine Phosphate</i>) |
| 12 | Benzil Benzoat (<i>Benzyl Benzoate</i>) | 28 | Klorokuin Sulfat (<i>Chloroquine Sulphate</i>) |
| 13 | Benzoil Peroksida Hidrat
(<i>Hydrous Benzoyl Peroxide</i>) | 29 | Koloidal Attalpulgit Teraktivasi
(<i>Colloidal Activated Attapulgite</i>) |
| 14 | Betahistin Hidroklorida
(<i>Betahistine Hydrochloride</i>) | 30 | Kortison Asetat (<i>Cortisone Acetate</i>) |
| 15 | Butilparaben (<i>Butylparaben</i>) | 31 | Magnesium Karbonat
(<i>Magnesium Carbonate</i>) |
| 16 | Dinatrium Edetat (<i>Eddate Disodium</i>) | | |





Jenis Bahan :

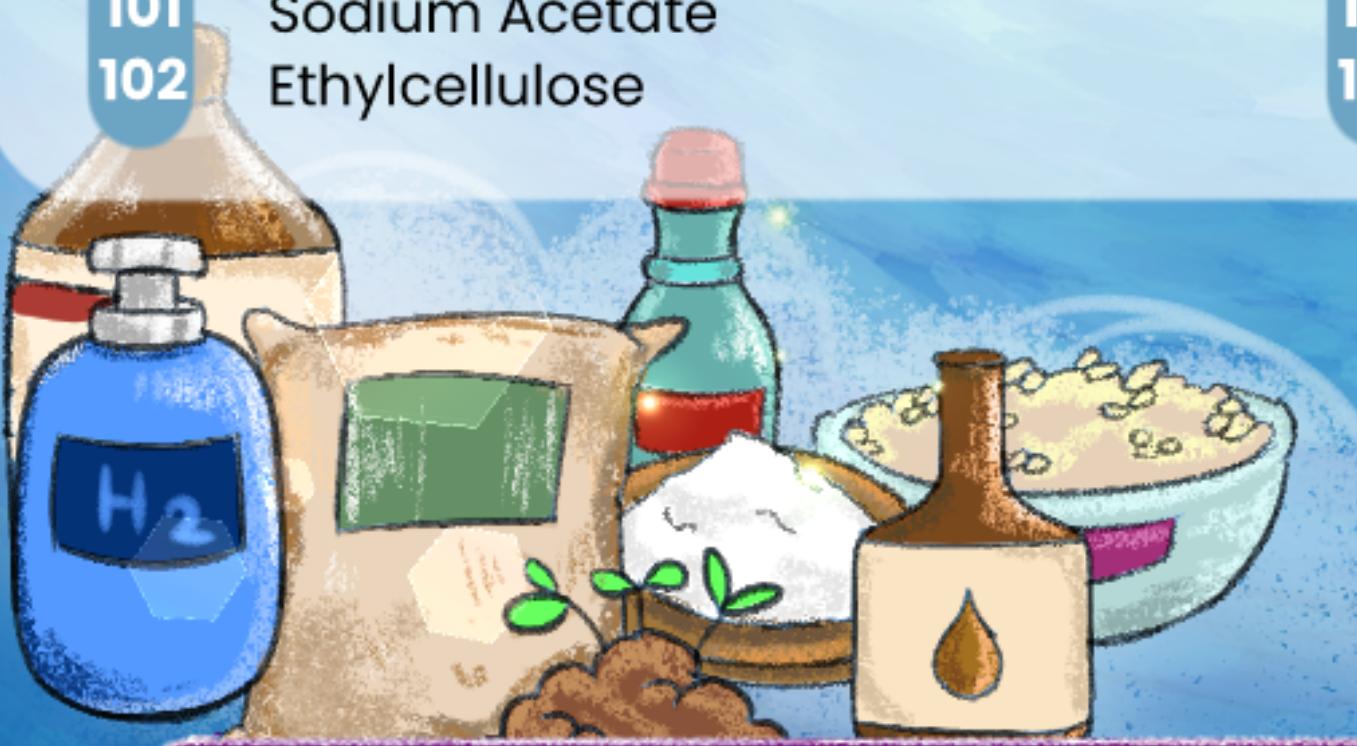
- | | | | |
|----|--|----|--|
| 32 | Magnesium Sulfat Garam Inggris
<i>(Magnesium Sulfate)</i> | 48 | Larutan Amonia |
| 33 | Magnesium Trisilikat
<i>(Magnesium Trisilicate)</i> | 49 | Amonium Karbonat |
| 34 | Natrium Aminosalisilat
<i>(Sodium Aminosalisilate)</i> | 50 | Kalium Hidroksida |
| 35 | Natrium Bikarbonat
<i>(Sodium Bicarbonate)</i> | 51 | Natrium Propionat |
| 36 | Natrium Fluorida
<i>(Sodium Fluoride)</i> | 52 | Natrium Asetat |
| 37 | Natrium Salisilat
<i>(Sodium Salicylate)</i> | 53 | Selulosa Asetat Ftalat |
| 38 | Zink Sulfat <i>(Zinc Sulfate)</i> | 54 | Etil Vanilin |
| 39 | Mangan Sulfat
<i>(Manganese Sulfate)</i> | 55 | Isopropil Alkohol |
| 40 | Metilselulosa <i>(Methylcellulose)</i> | 56 | Setil Alkohol |
| 41 | Natrium Hidroksida
<i>(Sodium Hydroxide)</i> | 57 | Oleum cacao <i>(Lemak Coklat)</i> |
| 42 | Natrium Metabisulfit
<i>(Sodium Metabisulfite)</i> | 58 | Polietilen Glikol Campuran |
| 43 | Natrium Benzoat
<i>(Sodium Benzoate)</i> | 59 | Natrium Karboksimetil Selulosa |
| 44 | Sakarin <i>(Saccharine)</i> | 60 | Hidroksi Propil Metil Selulosa |
| 45 | Sakarin Natrium
<i>(Saccharine Sodium)</i> | 61 | Metil Selulosa |
| 46 | Acetaldehyde | 62 | Etil Selulosa |
| 47 | Asam Hidroklorat
<i>(Asam Hidroklorida)</i> | 63 | Selulosa Asetat |
| | | 64 | Natrium Alginate |
| | | 65 | Silika Koloid |
| | | 66 | Oksigen <i>(Oxygen)</i> |
| | | 67 | Benzokain <i>(Benzocaine)</i> |
| | | 68 | Besi <i>(ii)</i> Fumarat <i>(Ferrous Fumarate)</i> |
| | | 69 | Besi <i>(ii)</i> Sulfat <i>(Ferrous Sulphate)</i> |
| | | 70 | Eter <i>(Ether)</i> |
| | | 71 | Etilparaben |
| | | 72 | Kamfer <i>(Camphor)</i> |
| | | 73 | Karbon Dioksida <i>(Carbon Dioxide)</i> |
| | | 74 | Metilparaben <i>(Methyl Paraben)</i> |
| | | 75 | Propilparaben <i>(Propylparaben)</i> |





Jenis Bahan :

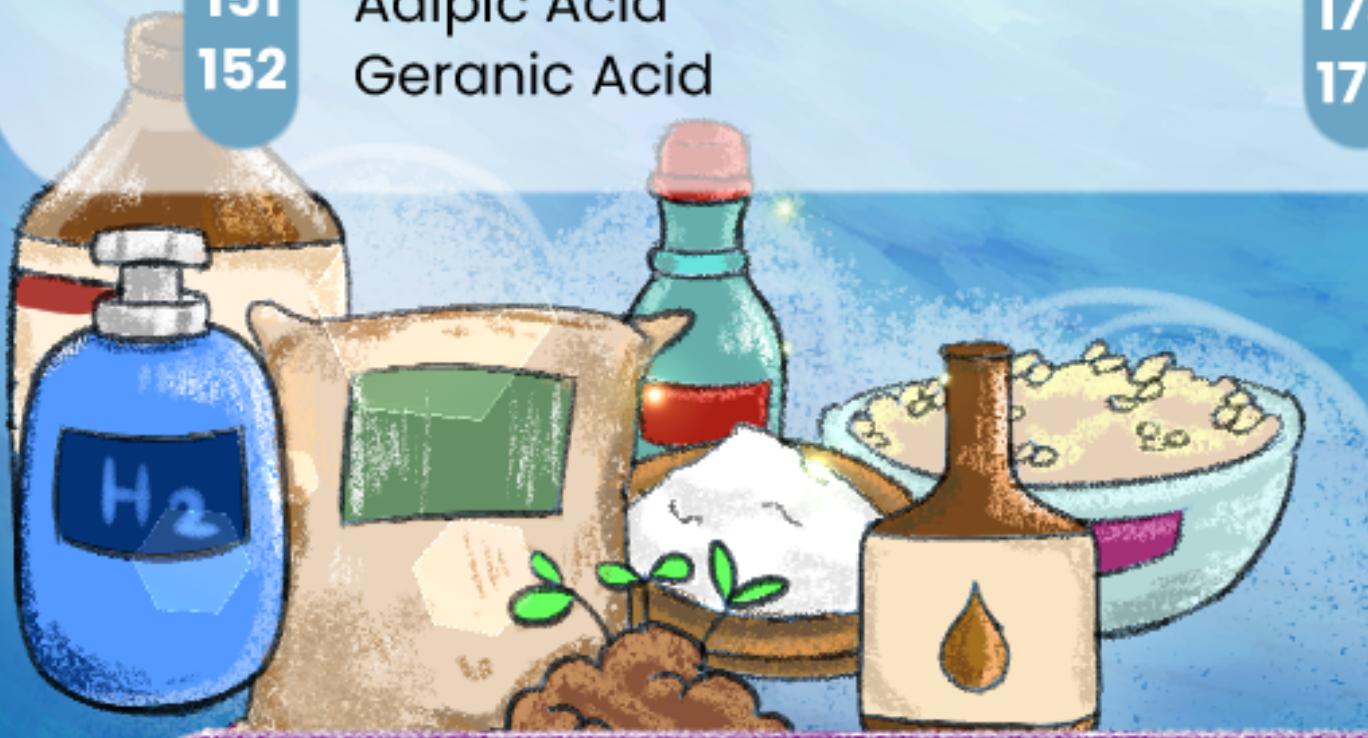
76	Talk (<i>Talkum</i>)	103	Molasses, Blackstrap
77	Vaseline Kuning (<i>Yellow Vaseline</i>)	104	Frankincense Gum Murni (<i>Pure Frankincense Gum</i>)
78	Vaseline Putih (<i>White Vaseline</i>)	105	Paraffin - C15- 19 Alkane
79	Zink Klorida (<i>Zinc Chloride</i>)	106	Paraffins, Normal C5-C20
80	Naphthalene	107	Terpenes And Terpenoids, Limonene Fraction
81	Hidrogen peroksida pekat (<i>Hydrogen peroxide concentrate</i>)	108	Cellulose, 2-Hydroxyethyl Ether
82	Asam Asetilsalisilat/Asetosal (<i>Acetylsalicylic Acid</i>)	109	Alcohols, C11-15-Secondary, Ethoxylated
83	DL-Tartaric Acid	110	Alcohols, C12-13, Ethoxylated
84	Methyl Acetoacetate	111	Alcohols, C12-14-Secondary, Ethoxylated
85	Pentyl Butyrate	112	Alcohols, C12-15-Branched And Linear, Ethoxylated
86	Herbal Propionate	113	Alcohols, C12-16
87	Pentyl Pentanoate	114	Alcohols, C6-10, Ethoxylated Propoxylated
88	Pentyl Acetate	115	Alcohols, C6-12, Ethoxylated (5>EO < 20)
89	Methyl Vanillate	116	Alcohols, C8-10-Iso-, C9-Rich
90	Wax, White	117	Alcohols, C9-11, Ethoxylated
91	Ammonium Carbonate	118	Alkanes, C10-13-Iso-
92	Denatonium Benzoate	119	Ketones, C14
93	Silica Gel	120	Monoglycol Salicylate
94	Δ-Muscenone	121	Pentyl Propionate
95	Solvent Green 28	122	Phenylacetaldehyde Ethylene Glycol Acetal
96	C.I. Solvent Red 122	123	Styryl Acetate
97	Solvent Orange 62	124	Tricyclodecanyl Acetate
98	Methoxypropanol		
99	Solvent Blue 104		
100	Benzoic Acid, Butyl Ester		
101	Sodium Acetate		
102	Ethylcellulose		





Jenis Bahan :

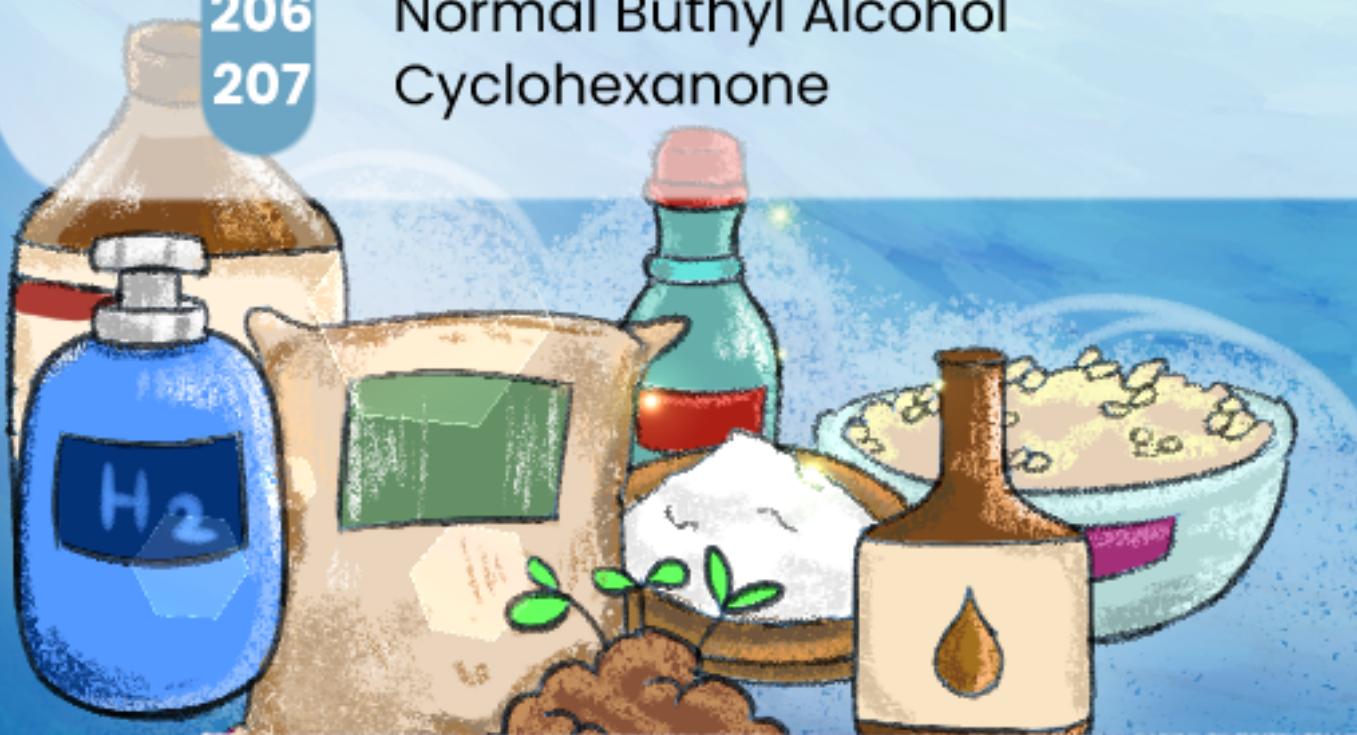
125	Urea	153	Succinic Acid
126	Benzoic Acid, 2-[(1- Oxopropyl) Amino]-, Methyl Ester	154	Hydrogen Sulfide
127	Solvent Yellow 16	155	Fenamic Acid
128	Vanillyl Alcohol	156	Benzaldehyde
129	Acetaldehyde	157	Benzyl Acetate
130	Propanal	158	Silicon Dioxide
131	Butyraldehyde	159	Tin(II) Oxide
132	Pentanal	160	Coal Tar
133	Hexanal	161	White Oil (<i>Paraffin</i>)/Mineral Oil
134	Heptaldehyde	162	Hydrogen (H_2)
135	Octanal	163	Nitrogen (N_2)
136	Nonanal	164	Phthalic Acid ($C_6H_4(COOH)_2$)
137	Decanal	165	Glucoronic Acid (<i>B-D-Glucopyranuronic Acid</i> , $C_6H_{10}O$)
138	Undecanal	166	Glutaric Acid ($C_3H_6(COOH)_2$)
139	Isobutyraldehyde	167	(DL) Malic Acid (<i>Hydroxybutanedioic Acid</i> , $HOOCCH_2CHOHCOOH$)
140	Acetone	168	Malonic Acid ($CH_2(COOH)_2$)
141	Raspberry Ketone	169	Oxalic Acid ($H_2C_2O_4$)
142	Dihydroxyaceto Phenone	170	Pyridine
143	Zingerone	171	Asam Karbonat (H_2CO_3)
144	Formic Acid	172	Asam Perklorat ($HClO_4$)
145	Valeric Acid	173	Ammonium Hidroxide (NH_4OH)
146	Heptanoic Acid	174	Barium Hidroksida ($Ba(OH)_2$)
147	Isobutyric Acid	175	Kalsium Hidroksida ($Ca(OH)_2$)
148	Isovaleric Acid	176	Natrium Fosfat (Na_3PO_4)
149	Levulinic Acid	177	Natrium Hidrogen Fosfat (Na_2HPO_4)
150	Fumaric Acid	178	Amonium Fosfat ($(NH_4)_3PO_4$)
151	Adipic Acid	179	Kalium Fosfat (K_3PO_4)
152	Geranic Acid		





Jenis Bahan :

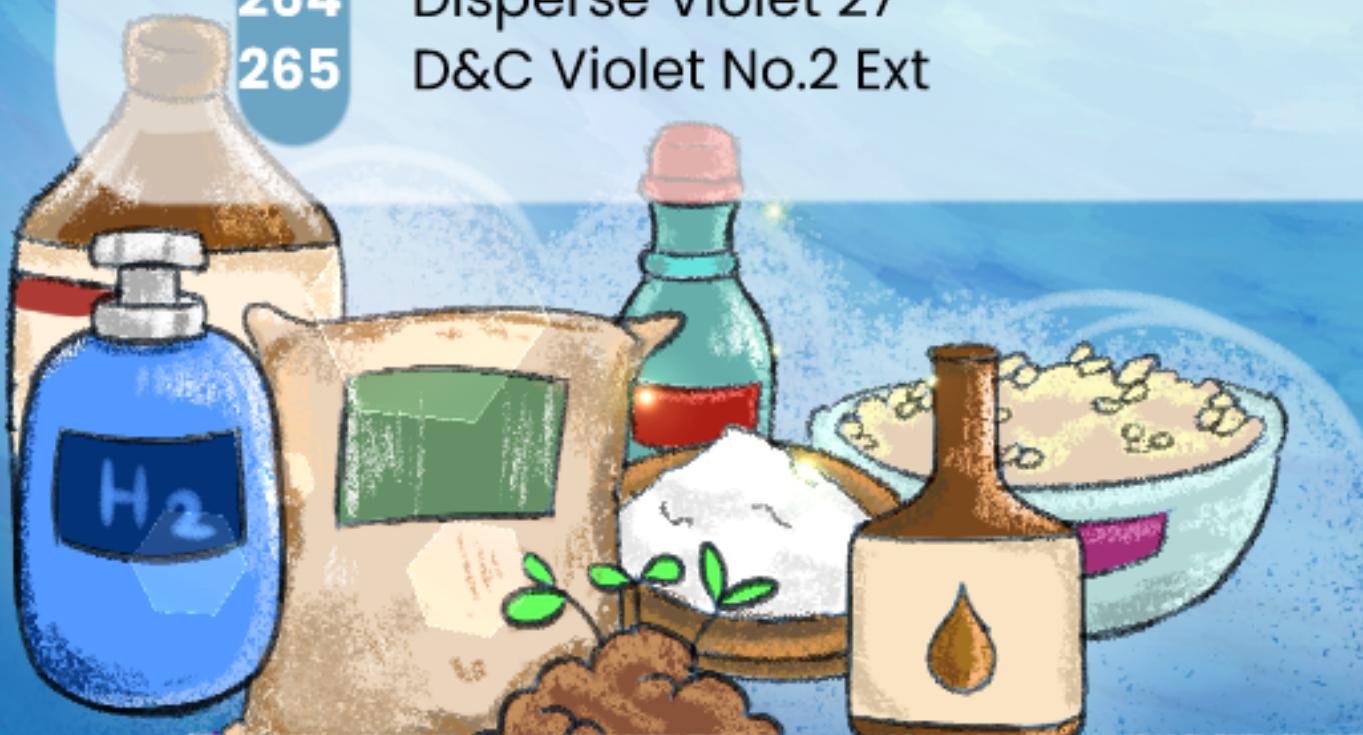
180	Kalsium Klorida (CaCl_2)	208	Isoamyl Phenylacetate
181	Natrium Klorit (NaClO_2)	209	Methyl Phenylacetate
182	Natrium Klorat (NaClO_3)	210	Hexanoic Acid
183	Kalium Nitrat (KNO_3)	211	Sodium Sulfite
184	Natrium Nitrat (NaNO_3)	212	Ethyl Benzoate
185	Aluminium Sulfat/Tawas/ ($\text{Al}_2(\text{SO}_4)_{3.18}\text{H}_2\text{O}$)	213	Geranyl Acetate
186	Amonium Sulfat ($(\text{NH}_4)_2\text{SO}_4$)	214	Linalyl Isobutyrate
187	Kalium Sulfat (K_2SO_4)	215	Polyvinyl Alcohol
188	Mangan Sulfat (MnSO_4)	216	Isopropyl Alcohol
189	Natrium Aluminat (NaAlO_2)	217	Manganese Dioxide
190	Triclosan	218	Methyl Ester Sulfonate
191	Natrium Siklamat	219	Monochloroacetic Acid
192	EDTA Acid	220	Phenyl Ethyl Acetate
193	Ammonium Bicarbonat	221	Sodium Nitrite
194	Methyl Acetate	222	Sodium Hypochlorite (NaOCl)
195	Metyl Methacrylate	223	Pigment Green 8
196	Isododecane	224	D&C Yellow No.7 Ext
197	Aluminum Trisacetoacetate	225	Pigment Yellow 1
198	Tetrasodium EDTA	226	Pigment Yellow3
199	Calcium Hipofosfit	227	Pigment Orange1
200	Cyclohexyl Butyrate	228	D&C Red No. 35
201	Vetyver Acetate	229	Pigment Red7
202	Acetyl Acetate	230	Pigment Brown1
203	Ethyl Acetate	231	Solvent Yellow16
204	Isoprophyl Acetate	232	Acid Yellow 9
205	Methyl Ethyl Ketone	233	Acid Orange6
206	Normal Butyl Alcohol	234	Acid Red No. 14
207	Cyclohexanone	235	Food Red 2, Garam Disodium
		236	D&C Orange No. 4





Jenis Bahan :

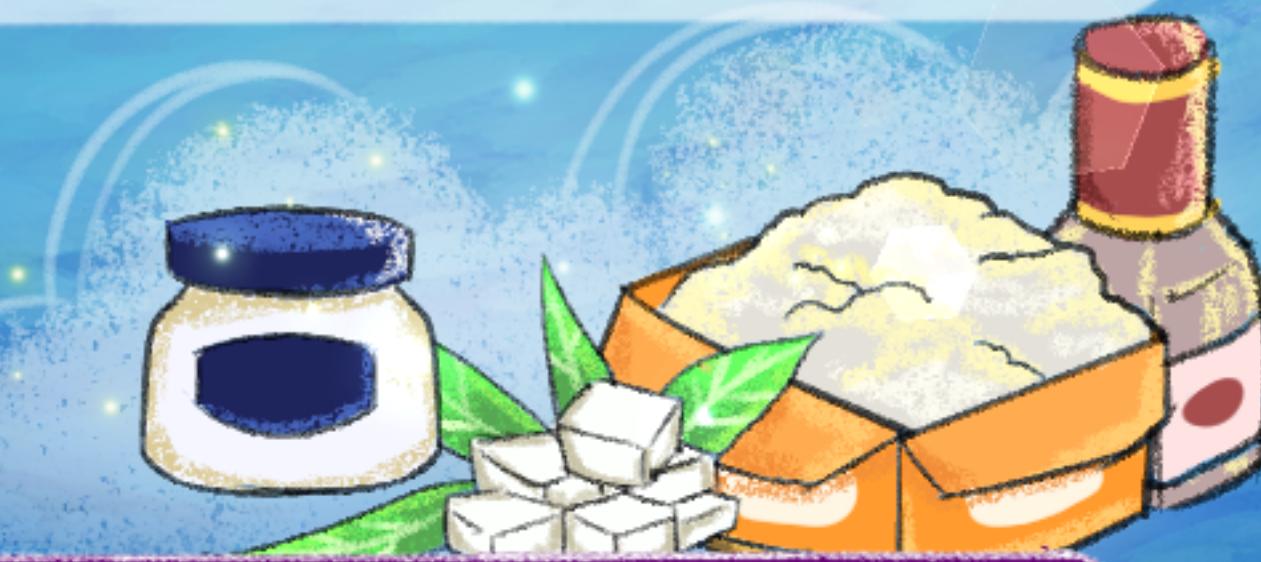
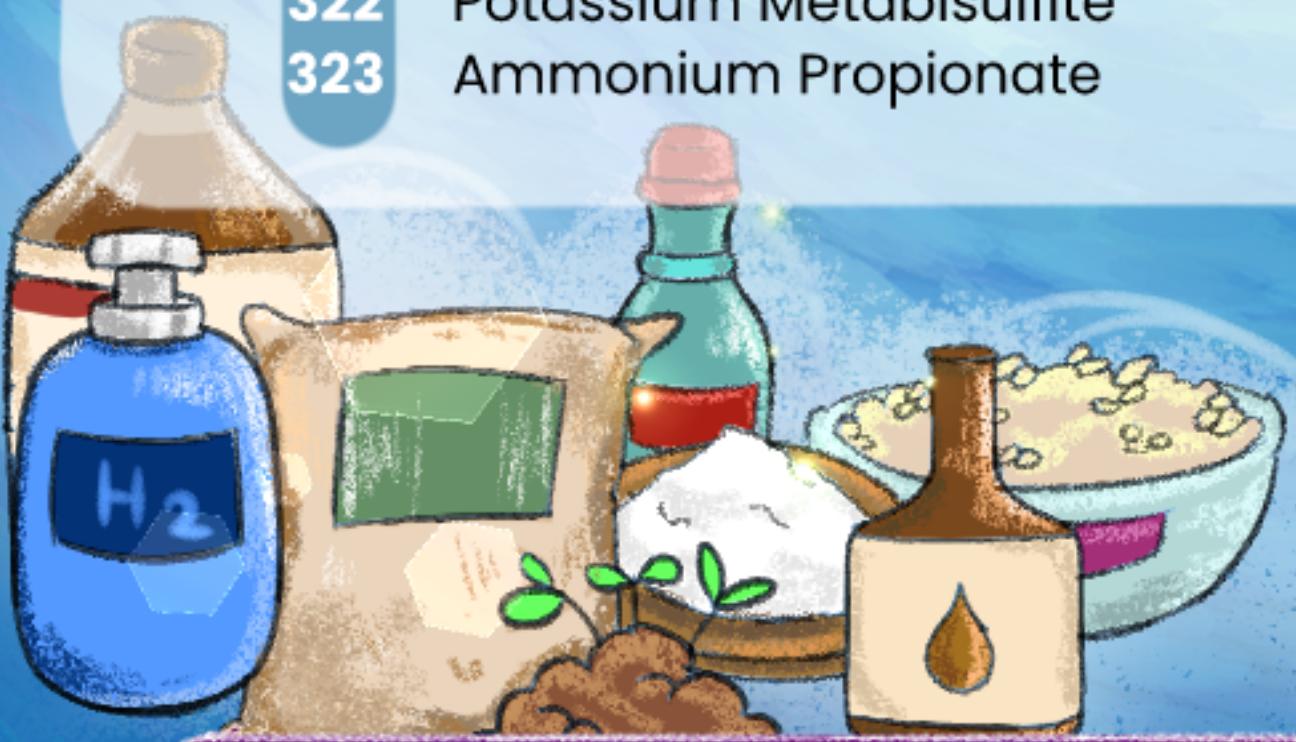
- | | | | |
|-----|---|-----|-----------------------|
| 237 | Pigment Red68, Garam Calcium Sodium | 266 | D&C Green No.5 |
| 238 | Pigment Red51 | 267 | Acid Blue 80 |
| 239 | Acid Red88, Garam Monosodium | 268 | Acid Blue 62 |
| 240 | Pigment Red 49, Garam Monosodium | 269 | Pigment Blue 60 |
| 241 | D&C Red No. 6 | 270 | D&C Blue No.9 |
| 242 | Food Orange 6 | 271 | Pigment Orange 43 |
| 243 | Food Orange 7 | 272 | Pigment Blue 66 |
| 244 | Food Orange 8 (<i>Xantha Xanthin</i>) | 273 | FD&C Blue No.2 |
| 245 | Acid Blue 3, Garam | 274 | Pigment Violet 36 |
| 246 | D&C Blue No.3 | 275 | Pigment Red 122 |
| 247 | Acid Green 9 | 276 | Pigment Blue 16 |
| 248 | Acid Green 22 | 277 | Direct Blue 86 |
| 249 | Basic Violet 14 | 278 | Natural Yellow 6 |
| 250 | Basic Violet 2 | 279 | Natural Orange 4 |
| 251 | Acid Blue 104 | 280 | Natural Yellow 27 |
| 252 | Acid Green 50 | 281 | Rubixanthin |
| 253 | Acid Red 52 | 282 | Natural White 1 |
| 254 | Acid Red 50 | 283 | Natural Yellow 3 |
| 255 | D&C Yellow No.8 | 284 | Natural Orange 6 |
| 256 | D&C Orange No.5 | 285 | Natural Green 3 |
| 257 | D&C Red No.22 | 286 | Pigment Metal 1 |
| 258 | Solvent Orange 16 | 287 | Pigment White 24 |
| 259 | Acid Red 98 | 288 | Pigment White 19 |
| 260 | D&C Red No.28 | 289 | Pigment Blue 29 |
| 261 | D&C Yellow No.10 | 290 | Ultramarine Green |
| 262 | Acid Violet 50 | 291 | Pigment Red 102 |
| 263 | Acid Black 2 | 292 | Mica |
| 264 | Disperse Violet 27 | 293 | Pigment White 21 & 22 |
| 265 | D&C Violet No.2 Ext | 294 | Pigment White 14 |





Jenis Bahan :

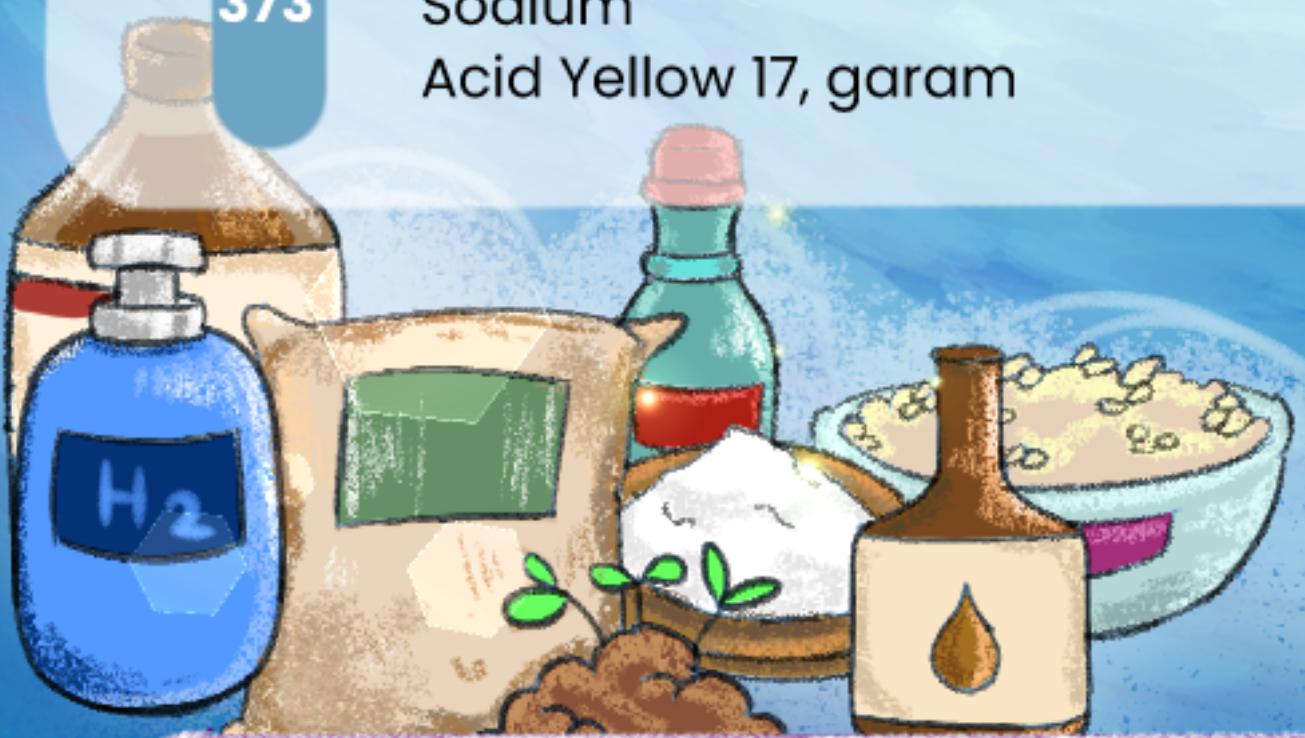
295	Pigment White 18	324	Sodium Propionate
296	Pigment White 25	325	Calcium Salicylate
297	Pigment Green 17	326	Magnesium Salicylate
298	Pigment Green 18	327	Mea-Salicylate
299	Phthalocyanine Green G	328	Sodium Salicylate
300	Pigment Metal 2	329	Potassium Salicylate
301	Pigment Metal 3	330	Tea-Salicylate
302	Ferrous Oxide	331	Silver Chloride
303	Pigment Brown 6 & 7	332	Calcium Sorbate
304	Pigment Yellow 42 & 43	333	Sodium Sorbate
305	Pigment Black 11	334	Potassium Sorbate
306	Pigment Blue 27	335	Aluminium Fluoride
307	Magnesium Carbonate	336	Ammonium Fluoride
308	Pigment Violet 16	337	Ammonium Fluorosilicate
309	Manganous Phosphate	338	Ammonium Monofluorophosphate
310	Pigment White 6	339	Benzalkonium Chloride, Bromide dan Saccharinate
311	Pigment White 4	340	Calcium Fluoride
312	Acid Red 195	341	Calcium Hydroxide
313	Anthocyanins	342	Calcium Monofluorophosphate
314	Bromocresol Green	343	Camphor
315	Bromothymol Blue	344	Curry Red (16035)
316	Sodium Sulfite	345	H ₂ O ₂
317	Ammonium Bisulfite	346	Carbamide Peroxide
318	Ammonium Sulfite	347	Zinc Peroxide
319	Potassium Sulfite	348	Lithium Hydroxide
320	Potassium Hydrogen Sulfite	349	Magnesium Fluoride
321	Sodium Bisulfite	350	Magnesium Fluorosilicate
322	Potassium Metabisulfite	351	Menthol
323	Ammonium Propionate		





Jenis Bahan :

352	Menthanol	374	Disodium
353	Polyacrylamides	375	FD&C Yellow No.5
354	Potassium Hydroxide	376	Pigment Yellow 16
355	Potassium Fluoride	377	Acid Black 1, garam
356	Potassium Fluorosilicate	378	Disodium
357	Potassium Monofluorophosphate	379	Pigment Yellow 83
358	Quinine dan garamnya	380	Acid Red 163
359	Sodium Fluoride	381	Food Black 2, garam
360	Pigment Red 48, garam	382	Tetrasodium
361	Disodium	383	Briliant Black 1
362	Food Orange 2, garam	384	Direct Orange 39
363	Disodium	385	E104 Quinoline Yellow/Food/Yellow 13
364	FD&C Yellow No. 6	386	E122 Carmoisine/Azorubine
365	FD&C Red No.40	387	E124 Ponceau 4R
366	Food Orange 4	388	E129 Allura Red AC/FD&C Red 40
367	Acid Red 18, garam	389	E132 Indigotine/Indigo Carmine/
368	Trisodium	390	FD&C Blue 2
369	Acid Red 41, garam	391	E133 Brilliant Blue FCF/ FD&C Blue 1
370	Tetrasodium	392	E155 Eurocert Brown HT/
371	D&C Red No.33	393	Chocolate Brown HT
372	D&C Red No.11 Ext	394	Eritrosin (FD&C Red No 3)
373	Acid Red 155, Garam	395	Karamel Ferioksida Merah
	Disodium	396	E103 Alkannin
	Acid Yellow 121	397	E105 Fast Yellow Ab
	Acid Red 180		E107 Yellow 2g
	Acid Yellow 11, garam		E128 Red 2g
	Sodium		E142 Green S/Brilliant Green Bs
	Acid Yellow 17, garam		E151 Black Pn/Brilliant Black Bn
			E154 Brown FK





Jenis Bahan :

398	E172 Iron Pigment Black	424	Sulfite
399	E180 Pigment Rubine/Lithol Rubine BK	425	Basic Brown 17
400	E104 Quinoline Yellow (C.I. 47005)	426	Basic Blue 124
401	E110 Sunset Yellow FCF/Orange Yellow S	427	Magnesium Sulfate
402	E131 Patent Blue V (C.I. 42051)	428	Sea Water
403	E150 Caramel	429	Synthetic Wax
404	E150a Plain Caramel	430	Caffeine
405	E150b Caustic Sulphite Caramel	431	Disodium EDTA
406	E150c Ammonia Caramel	432	Disodium Phosphate
407	E150d Sulphite Ammonia Caramel	433	Disodium Uridine Phosphate
408	E162 Beetroot Red/Betanin, Betanidin	434	Iodum (<i>Iodine</i>)
409	BH (<i>Butylated Hydroxytolune</i>)	435	Kloroform (<i>Chloroform</i>)
410	TBHQ (<i>Tertiary Butyl Hydroquinone</i>)	436	Pigment Blue 66
411	Na-EDTA	437	Sodium Isopropylparaben
412	HPMC (<i>Hydroxy Propyl-Methyl Cellulose</i>)	438	E102 Tartrazine
413	Kalium Karbonat (<i>Potassium-Carbonate</i>)	439	E220 Sulphur Dioxide
414	Natrium Karbonat (<i>Sodium-Carbonate</i>)	440	E221 Sodium Sulphite
415	Ammonium Benzoate	441	E222 Sodium Hydrogen Sulphite
416	Calcium Benzoate	442	E226 Calcium Sulphite
417	Potassium Benzoate	443	E227 Calcium Hydrogen Sulphite
418	Magnesium Benzoate	444	E239 Hexamine
419	Methyl Benzoate	445	E249 Potassium Nitrate
420	Propyl Benzoate	446	E251 Sodium Nitrate
421	Butyl Benzoate	447	E261 Potassium Acetate
422	Mea-Benzoate	448	E262 Potassium Hydrogen Diacetate
423	Phenyl Benzoate	449	E263 Calcium Acetate
		450	E341 Calcium Phosphate
		451	E350 Sodium Malate - Sodium Hydrogen Malate





Jenis Bahan :

- | | | | |
|-----|---|-----|------------------------------|
| 452 | E351 Potassium Malate | 468 | Magnesium Oxide Alkali |
| 453 | E352 Calcium Malate
- Calcium Hydrogen Malate | 469 | Sodium Ferrocyanide |
| 454 | E375 Nicotinic Acid | 470 | Potassium Ferrocyanide |
| 455 | E401 Sodium Alginate | 471 | Dicalcium Ferrocyanide |
| 456 | E402 Potassium Alginate | 472 | Ammonium Polyphosphates |
| 457 | E403 Ammonium Alginate | 473 | Calcium Silicate |
| 458 | E404 Calcium Alginate | 474 | Alumunium Sodium Silicate |
| 459 | E407 Carrageenan | 475 | Alumunium Calcium Silicate |
| 460 | E440b Amidated Pectin | 476 | Glucono Delta-Lactone |
| 461 | E442 Ammonium Phosphatides
(Emulsifier YN) | 477 | Sodium Gluconate |
| 462 | E450a,b,c Sodium and Potassium
Phosphates and Polyphosphates | 478 | Potassium Gluconate |
| 463 | E460 Microcrystalline/Powdered
Cellulose | 479 | Dimethylpolysiloxane |
| 464 | Sulphuric Acid | 480 | Carnauba Wax |
| 465 | Sodium Sulphate | 481 | Shellac |
| 466 | Potassium Sulphate | 482 | Mineral Hyrocarbons |
| 467 | Calcium Oxide | 483 | Refined Mycrocrystalline Wax |
| | | 484 | Potassium Bromate |
| | | 485 | Chlorine |
| | | 486 | Chlorine Dioxide |

