# ECOROL® Saturated Fatty alcohols

| Sat URat ED Fat t y aLCOHOLS – Pure Fractions | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Product Name** | **Chemical Name** | **Homolog Distribution (wt %)** | | | | | | | | **Acid Value mg KOH/g** | **Saponification Value mg KOH/g** | **Iodine Value g $I_2$/100g** | **Moisture (wt %)** | **Colour APHA** | **Solidification Point (°C)** | **Hydroxyl Value mg KOH/g** |
| | | **≤C6** | **C8** | **C10** | **C12** | **C14** | **C16** | **C18** | **≥ C20** | | | | | | | |
| ECOROL 8/98 | Octyl alcohol | 1 max | 98 min | 1 max | | | | | | 0,1 max | 0,5 max | 0,1 max | 0,1 max | 10 max | approx. -16 – -15 | 428 – 434 |
| ECOROL 10/98 | Decyl alcohol | 2 max | | 98 min | 2 max | | | | | 0,1 max | 0,5 max | 0,1 max | 0,1 max | 10 max | approx. 5 – 7 | 352 – 358 |
| ECOROL 12/98 | Lauryl alcohol | | 2 max | | 98 min | 2 max | | | | 0,1 max | 0,5 max | 0,1 max | 0,1 max | 10 max | 22 – 24 | 298 – 302 |
| ECOROL 14/98 | Myristyl alcohol | | | 2 max | | 98 min | 2 max | | | 0,1 max | 0,5 max | 0,1 max | 0,1 max | 10 max | 36 – 39 | 259 – 263 |
| ECOROL 16/98 (P)* | Cetyl alcohol | | | | 2 max | | 98 min | 2 max | | 0,1 max | 0,5 max | 0,1 max | 0,1 max** | 10 max | 48 – 50 | 228 – 232 |
| ECOROL 18/98 (P)* | Stearyl alcohol | | | | | 2 max | | 98 min2 | max | 0,1 max | 1,0 max | 0,1 max | 0,1 max** | 10 max | 56 – 58 | 205 – 208 |

Regular Products Only
*Ecocert/Cosmos certified, pharma specification available
**0,3 max. for pastilles

**Applications:**

Saturated fatty alcohols are chemical intermediates for sur- factants and are used in various applications like the pro- duction of personal care and home care products, pharma- ceutical formulations, agrochemicals and industrial uses.

- Detergents and Cleaners
- Cosmetics and Pharmaceuticals
- Flavour and Fragrances
- Lubricating Oil additive
- Metal Working
- textile and Leather application
- Polymer auxiliaries

# ECOROL® Saturated Fatty alcohols

| Sat URat ED Fat t y aLCOHOLS – Blends | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Product Name** | **Chemical Name** | **Homolog Distribution (wt %)** | | | | | | | | **Acid Value mg KOH/g** | **Saponification Value mg KOH/g** | **Iodine Value g $I_2$/100 g** | **Moisture (wt %)** | **Colour APHA** | **Solidification Point (°C)** | **Hydroxyl Value mg KOH/g** |
| | | **≤C6** | **C8** | **C10** | **C12** | **C14** | **C16** | **C18** | **≥ C20** | | | | | | | |
| ECOROL 80 | Octyl/Decyl alcohol | 0,5 max | 40 – 50 | 50 - 60 | 1 max | | | | | 0,1 max | 0,5 max | 0,1 max | 0,1 max | 10 max | approx. -12 – -9 | 382 – 394 |
| ECOROL 02/75 | Decyl/Lauryl alcohol | | 2 max | 70 – 80 | 20 min | 1 max | | | | 0,2 max | | 0,25 max | 0,1 max | 30 max | approx. -6 | 336 – 350 |
| ECOROL 02/85 | Decyl alcohol | | 2 max | 80 – 90 | 10 – 15 | 3 max | 0,5 max | | | 0,1 max | 0,3 max | 0,1 max | 0,1 max | 10 max | approx. -6 | 335 – 350 |
| ECOROL 24 | Lauryl/Myristyl alcohol | 0,2 max | | 1,0 max | 70 – 76 | 23 – 30 | 1 max | | | 0,1 max | 0,5 max | 0,1 max | 0,1 max | 10 max | 18 – 23 | 287 – 293 |
| ECOROL 26 | | 0,2 max | | 1,0 max | 65 – 72 | 22 – 28 | 4 – 8 | 0,5 max | | 0,1 max | 0,5 max | 0,1 max | 0,1 max | 10 max | 18 – 23 | 283 – 289 |
| ECOROL 28 | | | 1,0 max | | 52 – 61 | 15 – 23 | 5 – 10 | 7 – 21 | 0,5 max | 0,1 max | 1,0 max | 0,1 max | 0,1 max | 10 max | 25 max | 265 – 275 |
| ECOROL 68/30 (P)* | Cetyl/Stearyl alcohol | | | | 5 max | | 25 – 35 | 65 – 75 | 2 max | 0,1 max | 1,2 max | 0,3 max | 0,2 max | 10 max | 49 – 54 | 210 – 219 |
| ECOROL 68/50 (P)* | | | | | 5 max | | 45 – 55 | 45 – 55 | 2 max | 0,1 max | 1,2 max | 0,3 max | 0,2 max | 10 max | 48 – 52 | 215 – 224 |
| ECOROL 68/70 (P) | | | | | 5 max | | 77 – 83 | 17 – 23 | 2 max | 0,1 max | 1,2 max | 0,3 max | 0,2 max | 10 max | 47 – 51 | 221 – 231 |

Regular Products Only

*Ecocert/Cosmos certified, pharma specification available

| BRaNCHED Fat t y aLCOHOLS | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Product Name** | **Chemical** | **Appearance Name** | **Alcohol Content (wt %)** | **Hydroxyl Value mg KOH/g** | **Acid Value mg KOH/g** | **Saponification Value mg KOH/g** | **Iodine Value g $I_2$/100 g** | **Moisture Content (wt %)** | **Colour APHA** |
| ECOROL GB 16 | 2-Hexyldecanol | clear, colourless liquid at 25 °C | min. 90 | 215 – 235 | 0,5 max | 5 max | 5 max | 0,1 max | 10 max |
| ECOROL GB 20 | 2-Octyldodecanol | clear, colourless liquid | min. 90 | 175 – 190 | 0,1 max | 5 max | 5 max | 0,1 max | 10 max |

**Our products are certified according to**

- Kosher
- Halal
- ISO 9001
- RSPO SCC

**Our Ecorols are available in:**

- bulk shipments (ISO tanks and vessel)
- drums (170 kg), IBC
- pastilles (P) are available in bags (20 kg and 50 lbs) and in big bags

# ROFaNOL® Unsaturated Fatty alcohols

| UNSat URat ED Fat t y aLCOHOLS | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Product Name** | **Chemical Name** | **Homolog Distribution (wt %)** | | | | | **Acid Value mg KOH/g** | **Saponification Value mg KOH/g** | **Iodine Value g $I_2$/100 g** | **Moisture (wt %)** | **Hydroxyl Value mg KOH/g** | **Solidification Point (°C)** | **Colour APHA** |
| | | **≤ C12** | **C14** | **C16** | **C18** | **≥ C20** | | | | | | | |
| ROFaNOL 50/55V | Oleyl/Cetyl alcohol | 2 max | 1 – 7 | 25 – 35 | 55 – 75 | 2 max | 0,2 max | 1,0 max | 50 – 55 | 0,1 max | 210 – 220 | 28 – 34 | 100 max |
| ROFaNOL 60/65V | | 2 max | 1 – 6 | 20 – 30 | 55 – 75 | 2 max | 0,2 max | 1,0 max | 60 – 65 | 0,1 max | 208 – 218 | 25 – 30 | 100 max |
| ROFaNOL 70/75V | | 2 max | 6 max | 10 – 25 | 70 – 90 | 2 max | 0,2 max | 1,0 max | 70 – 75 | 0,1 max | 208 – 218 | 19 – 26 | 100 max |
| ROFaNOL 80/85V | | 2 max | 6 max | 4 – 14 | 80 – 98 | 3 max | 0,2 max | 1,0 max | 85 – 90 | 0,1 max | 205 – 215 | 6 – 16 | 100 max |
| ROFaNOL 90/95V | Oleyl alcohol | 2 max | | 2 – 10 | 90 – 98 | 3 max | 0,2 max | 1,0 max | 90 – 98 | 0,1 max | 205 – 215 | 2 – 12 | 100 max |

Regular Products Only
Produced in Germany and Indonesia

**Above products are available in:**

- bulk deliveries
- drums (170 kg)
- IBC (820 kg)

**Our Rofanols and their derivatives are used in a wide range of applications.**

Based on the unsaturated molecular structure the **Rofanols** show lower melting points compared to saturated long chain fatty alcohols.

- Our **Rofanol** grades are solid-waxy, pasty or liquid at ambient temperature.
- Personal care applications using **Rofanol** as an oil component and emulsifier.
- Home care applications use the behaviour of **Rofanol** as an detergent and foam controller.
- t hey are important constitutants of metal working formulations and metal cleaning applications. t hey provide the essential performance as emulsifier, lubricant, corrosion inhibitor and foam controller.
- In the textile and leather industry **Rofanol** and their derivatives are used for the production of antistatic agents, spinning agents and softeners.
- **Rofanol** is a compound for agricultural formulations.