2-Ethylhexyl Esters (Octyl Esters) of Fatty Acids-Technical Data Sheet

Shepard SA offers fatty acid esters based on **2-Ethylhexanol**, derived from **fatty acids of vegetable origin**. The products meet stringent **international quality standards** owing to the **advanced production and distillation technology** developed by Spak's in-house technical team.

Specifications:

Product	**2-EHC (Laurate/Cocoate)**	**2-EHP (Palmitate)**	**2-EHS (Stearate)**	**2-EHO (Oleate)**
Appearance	Colourless Liquid	Colourless Liquid	Colourless Liquid	Colourless to Pale Yellow Liquid
Odour	No or faint odour of 2-Ethylhexanol	Same	Same	Same
Acid Value	Max 1	Max 1	Max 1	Max 1
Iodine Value	Max 15	Max 3	Max 3	70–80
Saponification Value	165–180	145–160	140–155	135–150
Hydroxyl Value	Max 2	Max 2	Max 2	Max 2
Moisture	Max 0.2%	Max 0.2%	Max 0.2%	Max 0.2%

Note: Grades with Acid Value <0.2 are available for specific applications.

Applications:

- **2-EH Stearate**:
  - Used as a **plasticizer** for natural and synthetic rubber.
  - Functions as a **release agent**.
  - Common in the **cosmetic industry** as an **emollient**.
  - Also used in the **pharmaceutical industry**.
- **2-EH Palmitate**:
  - Found in **lipsticks**, **lip moisturizers**, **skin moisturizers**, **body lotions**, and other **personal care products**.
- **2-EH Oleate**:
  - Used in **lubricants**.
  - Functions as **base oil** in certain lubricant formulations.
- **2-EH Cocoate**:
  - Has **limited applications** in the **lubricants industry**.

Let me know if you need this converted to another format like a product sheet, table, or presentation.

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