

# Eolane

Efficiency, safety  
and environmental protection



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**TOTAL**



**TOTAL**

# Eolane

pure and short hydrocarbon cuts

Guided by industrial and ecological demands, TOTAL has developed the product range : **EOLANE**

These products offer the lowest aromatic content on the market today.

Odourless and stable, the **EOLANE** range meets the strictest regulations and the highest requirements in environmental protection and industrial performance.

## Odourless and harmless

Due to the high pressure hydrogenation process applied to our hydrocarbon cuts, the aromatic content of the **Eolane** range has been reduced to a level below 0.01%.

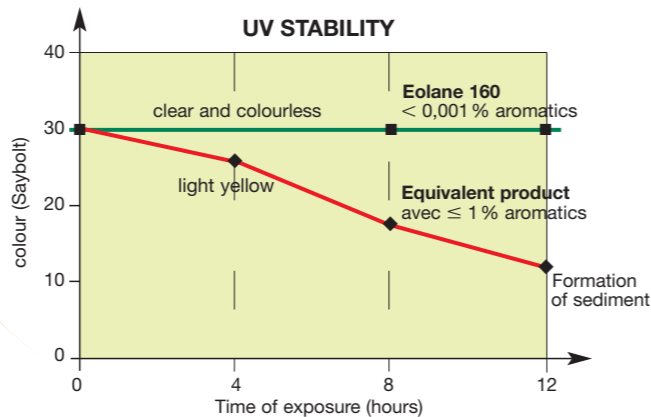
As a consequence, the **Eolane** range is both pure & odourless.

## Ecotoxicity characteristics

The **Eolane** range is not labelled as it is not toxic to the aquatic environment. Over and above this, the Eolane range exhibits excellent biodegradability characteristics.

## Product stability

The **Eolane** range offers better thermal and UV stability and excellent resistance to oxidation.



## Approved performances

### Indirect contact with foodstuffs

Manufactured and stored according to the strictest protocols, **EOLANE** products are certified for indirect contact with food.

### > Norm BGVV 36

- **EOLANE** products are recommended for paper and cardboard food packaging.
- Approved as dispersants for anti-foams.

### > FDA 21CFR chI, §178.3620 b

**EOLANE** products are FDA-approved for use in food packaging.



## Physical properties

Property	Unit	Standard	Eolane 90	Eolane 100	Eolane 130	Eolane 160
Density	Kg/m3	ASTM D 4052	806	810	813	815
Saybolt Colour		ASTM D 156	+30	+30	+30	+30
Distillation	Pi °C	ASTM D 86	223	236	277	305
	Ps °C		238	263	322	350
Flash point	°C	ASTM D 93	93	102	135	160
Aromatic content	% vol	TOTAL IL13	0.003	0.003	0.003	0.003
Benzene content	ppm	ASTM D4367	0	0	0	0
Refractive index 20°C		ASTM D1218	1.4473	1.4471	1.4502	1.45
Surface Tension 40°C	Dyne/cm	ASTM D971-91	25.7	25.9	26.5	27.6
Viscosity 20°C	mm <sup>2</sup> /sec	ASTM D 445	2.7	3.5	7	11
Viscosity 40°C	mm <sup>2</sup> /sec	ASTM D 445	1.9	2.3	4.1	6
Pour point	°C	ASTM D 95	-50	-50	-20	0



## A few Eolane applications

	Perfumery	Drilling Fluid	Metal Working	Paper Industry	Cleaning products	Lubricants	Textile Industry
<b>Eolane 90</b>							
<b>Eolane 100</b>							
<b>Eolane 130</b>							
<b>Eolane 160</b>							

■ Current use

