

Achieving formulations meeting CLP¹ classification thresholds for cumene and naphthalene

Did you know?

The European Union has defined stringent carcinogen classifications through the implementation of the CLP regulation.

At ExxonMobil, we fine-tune our manufacturing process to reduce cumene content to <0.1wt% and naphthalene content <1wt% to offer:

- **Ultra-low cumene (ULC): Solvesso™ 100 ULC**
- **Naphthalene-depleted (ND): Solvesso™ 150 ND**

EU CLP Classification Rule

Cumene

Carcinogen
Category 1B

0.1%
threshold

Naphthalene

Carcinogen
Category 2

1%
threshold

Source: EU ECHA Chemicals Database – <https://chem.echa.europa.eu/>

Why choose Solvesso™ ULC and ND fluids?



Not labelled as carcinogenic according to current CLP provisions:

- Cumene content < 0.1wt%
- Naphthalene content < 1 wt%

Why choose ExxonMobil?



Worldwide supply excellence

- Available globally
- World-scale integrated petrochemical facilities



Enable product development

- Experts ready to assist you through your formulation needs

Solvesso™ fluids: Specially formulated portfolio

Carbon range	Grade	Boiling Range (°C)	Flash Point (°C)	Cumene (wt%)
C9	Solvesso 100	161-174	49	<1
	Solvesso 100 ULC	167-179	52	<0.1

Carbon range	Grade	Boiling Range (°C)	Flash Point (°C)	Naphthalene (wt%)
C10	Solvesso 150	182-204	49	<5
	Solvesso 150 ND	180-192	64	0.6
C11	Solvesso 200	227-285	103	6
	Solvesso 200 ND	244-293	114	0.7
	Solvesso 200 ULN	240-283	110	<0.1

*Typical qualities of Solvesso™ fluids sold in Asia Pacific

The right grade for each application



Agricultural chemicals



Paints & coatings



Oilfield chemicals



Chemical processes & more

Solvesso™ aromatic fluids deliver high-performance solutions tailored for a wide range of industrial applications. Each product is engineered to offer high solvency and remarkable versatility.



Have a technical question?

Connect directly with our technical experts at exxonmobilchemical.com/AnswerPerson

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