

Alusol FG

ATOXIC SOLVENT FOR FOOD INDUSTRIES

PRODUCT **Alusol FG** is a special atoxic solvent of petroleum origin with high degreasing power, free of chlorinated and aromatic compounds. It does not damage the ozone layer.

It meets FDA requisites in List 21 CFR 178.3570.

Aluchem products and plants have been also **Kosher** certified.

CHARACTERISTICS **Alusol FG** is a colourless and odourless solvent that is suitable for application where accidental contact with food substances, cosmetics and pharmaceuticals might occur. It is also particularly recommended as a substitute for normal petroleum solvents with low flash point or as a substitute for chlorinated solvents, such as trichloroethane and trichloroethylene.

USES **Alusol FG** is suitable for cleaning any part or material, wherever oily residue has to be removed.

Alusol FG can be used:

- cold: with brush, swab, by immersion or spray;
- warm, with ultrasound systems, maintaining the bath at a temperature below at least 15°C compared to the flash point; hence, without exceeding 55°C.

Alusol FG is also designed as fluid for electric-spark machining.

NB: failing more specific regulations or procedures, NSF recommends the following:

“Solvent-based products for cleaning metal components can be acceptable for use on surfaces that are not in contact with food only if their application mode ensures that said compounds are dispersed before food products or containers are exposed to the environment once again.”

PTO

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Technical Data	Method	U.M.	Mean Values
Colour	-	-	colourless
Odour	-	-	odourless
Density at 20°C	-	g/cm ³	0,750
Viscosity at 25°C	ASTM D 445	cSt	1,8
Pour point	ASTM D 97	°C	-18
Flash point	ASTM D 92	°C	72
Autoignition temperature	ASTM D 2155	°C	> 200
Initial distillation temperature	ASTM D 86	°C	185
Solubility in water	-	-	insoluble
Solubility in organic solvents	-	-	generally soluble