



*AGAL-AR PLUS Product
for removal of
asphalt, oil, grease and
other sticky stuff!*

VOC-FREE!
NO CLP LABELLING!
EFFECTIVE!



Andrea Gallo di Luigi S.r.l. is a supplier of speciality chemicals for the production of surface treatment products such as automotive cleaners, hard surface cleaners, industrial cleaners and related products.

Andrea Gallo di Luigi S.r.l. was one of the first companies to apply vegetable esters as solvent replacements and remains in a leading position in the development of new applications and technologies for this area.

Our vision is best expressed by the following key statements:

- We are building a product range based on renewable raw materials such as fatty acid esters and associated derivatives.
- We provide products, which are safe to use, safe to store and easy to handle.

The **AGAL AR-PLUS** is a heavy-duty cleaning product based on ESTISOL esters, polar solvents and ESTISURF surfactants.

The **AGAL AR-PLUS** formulation technology represents a completely new development in the area of heavy-duty cleaners - ***It is now possible to avoid VOCs including hydrocarbon solvents when cleaning asphalt, oil, grease and other sticky stuff.***

AGAL AR-PLUS is safe to use on painted surface and rubber and plastic parts when flushed with water.

AGAL AR-PLUS Properties

Parameter	Unit	ESTICLEAN AR-PLUS
Description	-	Micro emulsion of esters, polar solvents and surfactants
Appearance	Visual	Semi-transparent liquid
Colour	Gardner	Yellow
Odour	Sensory	Weak
Density	kg/m ³	950
Flash point	°C	n.a. (*)
Pour point	°C	<-0
Solubility in water	-	Emulsifies

(*) water boils off at 100°C


Product description

- **AGAL AR-PLUS** represents a completely new formulation technology:
 - Works as efficiently as traditional hydrocarbon solvents
 - Is easily flushed away with water
 - Does not contain VOCs
 - Is label-free according to CLP
 - All components are readily biodegradable
 - You can get Nordic Swan and EU Flower ECO label

Product applications

AGAL AR-PLUS is used as delivered for a range of cleaning challenges:

- Heavy-duty degreaser
- Asphalt remover
- Oil-spot remover
- Degreaser for marine applications

Product	Flash point °C	Labelling (GHS)	H phrases
AGAL AR-PLUS	n.a.	None	None
White spirit	39		226, 304, 373, 411
D60 (de-aromatised solvent – FP 60°C)	61		304

See explanation of H sentences on the next page.

Explanation of H phrases in previous table:

H226 Flammable liquid and vapour

H304 May be fatal if swallowed and enters airways H373 May cause damage to organs

H411 Toxic to aquatic life with long lasting effects

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