

Product Data Sheet

VOC Free Solvent System (EC Directive 1999/13/EC + EC Directive 2004/42/EC)

Product:- ABSOLVE 102



Product Description

ABSOLVE 102 is a 100% non VOC solvent system according to the Solvents Emissions Directive (EC Directive 1999/13/EC) and the EU Paint Directive (EC Directive 2004/42/EC). ABSOLVE 102 can be used as supplied and is soluble for dilution with other organic solvents in all proportions. ABSOLVE 102 is slightly soluble in water. It provides a highly efficient alternative to VOC solvent, emulsion forming surfactant or caustic / acid based cleaners.

ABSOLVE 102 has been designed specifically for the removal of coatings and residues from contaminated screens, surfaces and rollers. ABSOLVE 102 can also be used for janitorial cleaning purposes and personal care. In addition the product can be used in manufacturing processes to replace the use of VOC solvent systems.

ABSOLVE 102 is:

- "One can" ink and residue cleaning system
- A highly efficient non VOC based cleaner to replace VOC organic solvents
- A highly efficient pH neutral cleaner to replace caustic / acid based products
- A highly efficient alternative to replace emulsion forming surfactant systems
- No emulsion slop wastes produced
- Non flammable / Non toxic / Readily Biodegradable
- None to negligible corrosion risk in comparison to strong alkaline cleaners
- Does not contain aromatic hydrocarbons
- VOC free according to EC Directive 1999/13/EC and EC Directive 2004/42/EC

Directions for Product Use

It is recommended that ABSOLVE 102 should be used as supplied or diluted with other organic solvent if deemed suitable.

This unique VOC free cleaning product is temperature insensitive and can be used at temperatures in the range of 5°C to over 100°C. The cleaning efficiency of the product typically increases on increasing the temperature.

Following use the removed solids and pigments will settle out under gravity or via centrifugation. The wash solution may then be recycled and re-used.

This provides waste minimisation at source thereby significantly reducing transport, treatment and waste disposal costs for potentially large volumes of hazardous compounds.

Handling and Packaging

ABSOLVE 102 is safe for handling and no special procedures need be observed. Normal precautions should be observed for the safe handling and storage of all chemicals and protective clothing should be used. Refer to the product MSDS.

ABSOLVE 102 can be manufactured both in the UK and in the USA. The product is supplied in 25L Kegs, in 200L (55 and 30 Gallon) drums, in 1000L IBCs (320 Gallon Tote Tanks), or in bulk (20 – 25MT) tankers.

Physical & Chemical Properties

Appearance / Colour	Clear liquid / Colourless
Boiling Point	>270°C
Solubility	<1g/L soluble in water. Soluble in most solvents in all proportions.
Odour	Sweet
Specific gravity	0.90 – 1.00 @ 20°C
pH Value	N/A
Closed Cup Flash Point	>130°C
Flammability	Non flammable
Biodegradability	Readily Biodegradable
Vapour Pressure	<0.01kPa @ 293.5°K <0.1mmHg @ 20°C
Recommended Concentration in use	100%wt

Shelf Life

ABSOLVE 102 is stable for a period of up to 1 year provided that it is stored and handled as specified in the product MSDS.

Part Number Reference Table

ABSOLVE 102 – EU1000	EU 1000L IBCs
ABSOLVE 102 – EU200	EU 200L Drums
ABSOLVE 102 – EU25	EU 25L Kegs
ABSOLVE 102 – US320	US 320 Gallon Tote Tanks
ABSOLVE 102 – US55	US 55 Gallon Drums
ABSOLVE 102 – US30	US 30 Gallon Drums

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