

# Technical Information

## m.a.c.s.® Paint Stripper + Paint Remover Table of Applications

	Protective building paints and plasters e.g. facades, walls, ceilings (e.g. stucco, ornaments)	Lacquers e.g. furniture, window shutters, metal fences	2K coatings e.g. car bodies, floor coatings
1. Choice	SG 94	Asur	Blitz
Alternatives	Asur	Powerclean	Oxystrip
	Separator	Blitz	Powerclean
	Powerclean	Oxystrip	
	Cleaner used after paint removal: Powerfluid		

### Properties

Powerfluid Paint Remover and Industrial Cleaner Concentrate **is an aqueous cleaning liquid, biodegradable**, not inflammable, powerful with the subsequent cleaning of residues of paints and paint removers, intensive with the removal of oil, fat and soot.

### Application

Powerfluid is used for the manual removal of almost separated and already scraped-off paint residues, consequently immediately after paint removal or manual graffiti removal. Powerfluid facilitates the washing process considerably and, of course, it can also be used in combination with hot water high-pressure washers or with the spray-suction method. After using Powerfluid, surfaces always have to be washed with clear water.

**Substrates:** wood, metal, plastic, mineral substrates.

### Technical Specifications

Colour:	yellowish
Form:	liquid
Smell:	mildly lemon-like
Density:	ca. 1.04 g/ml
Flash point:	not inflammable
Solubility:	can be mixed in any ratio with water
Storage period:	2 years
Units:	750 ml, 5 l, 10 l
Item number:	1310

### Consumption

Consumption and water-cleaner ratio depend on application.

### Application/Tools

Apply Powerfluid with sponge, brush, puff or airbrush method. Clean the used devices with water.

### Application

#### Solid wood, veneered wood:

Remove separated paints and lacquers with a scraper. Remaining residues of paint and paint remover in wood pores and corners, smeary films on the wood surface are removed with Powerfluid. Mix Powerfluid 1:10 with warm (not required) water (with linseed oil 1:3) and apply with a sponge or different method.

Do not use brass or copper brushes. For washing-off you can also use a thick round brush which was wrapped around with adhesive tape in a way that about 1 cm high bristles remain. We also recommend a pot cleaning sponge with coarse surface. When the surface was washed with Powerfluid, wash it again with a sponge and clear, clean water immediately.

Neutral wood does not discolour and the surface structure remains intact, intact veneer will not come off.

**Removal of wood patina, old stain and colour pigments of thick layer glazes from wood:** Apply undiluted Powerfluid and keep it moist for about 30 minutes. Then rinse with clear water.

**Metal:** Remove separated paints and lacquers with a scraper. Remaining residues of paint and paint remover (possibly smeary film) can be removed with Powerfluid. Mix Powerfluid 1:10 with warm (not required) water (with linseed oil 1:3); apply it with a sponge or different method and wash the surface. We recommend a pot cleaning sponge or similar with coarse surface. When the surface was washed with Powerclean, wash it again with sponge and clear, clean water immediately. After cleaning, metals are protected against flash rust for about 3 days.

**Mineral Substrates:** Remove separated paints and lacquers with a scraper. Remaining residues of paint and paint remover (possibly smeary film) can be removed with Powerfluid. Mix Powerfluid 1:10 with warm (not required) water (with linseed oil paints 1:3); apply it with a sponge or different method (brush) and wash the surface. Subsequently, wash surfaces with clear water.

**Separated graffiti from mineral, metallic, painted and graffiti protector painted substrates:** Powerfluid considerably supports the cleaning process with the manual removal of graffiti. Mix Powerfluid 1:10 with warm (not required) water and apply with a sponge or brush and wash the surfaces. Subsequently, you always have to rinse with clear water.

**Removal of oil and fat from screed:** Apply pure Powerfluid, cover surface with film and let it react for about 4 to 6 hours. Then treat it with the high-pressure washer and hot water. Dispose of wastewater properly.

**Removal of soot:** Depending on the degree of soiling use undiluted Powerfluid or mix it 1:5 with water. Reaction time ca. 30 minutes. Then clean with water. Dispose of wastewater properly.

**Surface-active agent cleaning on galvanised surfaces:** Depending on the degree of soiling, dilute Powerfluid 1:3 to 1:5 with water, apply it and rub it with a coarse sponge. Then rinse with water. Dispose of wastewater properly.

**Application as leaching agent:** Use undiluted Powerfluid. Subsequently clean with water.

**Plastic, tarpaulins, aluminium, vehicle engines, hall floors etc.:** Mix Powerfluid with water according to the degree of soiling. Dispose of wastewater properly.

**Use as cleaner after the removal of bitumen with Cocosole products:** Mix Powerfluid 1:5 with water and apply it/let it react. Then clean with water.

### Disposal Data

Wastewater must always be collected and disposed properly.

Waste code numbers:

Product rests: EAK no. 080 117

Water

hasard: WGK 1

UBA no.: 08090528

Contains: 5 - 15 % aliphatic hydrocarbons under 5 % anionic surfactants

Powerfluid is registered as washing and cleaning agent at the Federal Environment Agency.

All details in this technical information are based on practical experience. A general binding character is excluded because of the different practical preconditions. Self-tests have to be made. All earlier

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