



Functions

Surfaces (equipment or materials) concerned

Cleaning agent

- Bitumen-covered metal parts
- Grease-covered metal parts
- Soiled clothes
- Soiled gloves
- Soiled shoes

Workshop

Directions for use: Spray a fine mist over the surfaces to be treated. To eliminate bituminous mix deposits, leave to act for several minutes, and then rinse with a high-pressure cleaner.

We cannot be held liable for any application that is not compliant with our instructions and recommendations.

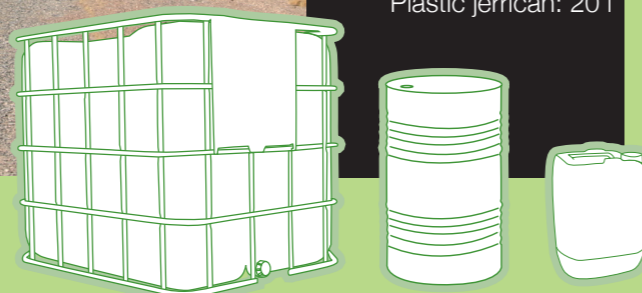


VIA 7000

Strong bitumen-remover
 Specially designed for workshops
 Can be used undiluted
 Water insoluble



PACKAGING
 Container: 1000 l
 Drum: 200 l
 Plastic jerrican: 20 l



Improved occupational safety

Made from new-generation vegetable oil esters

Completely biodegradable

VÉGÉTAL BIOTEC

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BILAN CARBONE®

VÉGÉTAL BIOTEC, which acts to reduce greenhouse gases, gives you the opportunity to contribute to reducing the carbon emissions that cause global warming.

VIA 7000 carbon balance = 1.29 kg carbon equivalent

Fuel carbon balance = 967 kg carbon equivalent

Carbon emissions reduced by a factor of 667

* Balance calculated for 1 tonne of manufactured product, packaged in a plastic container and delivered to a location 1000 km from its place of manufacture.

VIA 7000 is a concentrated liquid intended for treatment and cold-mix bitumen-removal in workshops during cleaning and maintenance operations.

VIA 7000 is a cleaning fluid specifically designed to replace fuel oil and rapeseed methyl esters. It complies directly with the expectations of site managers, safety coordinators and operating managers in terms of occupational health and safety and the environment, and in terms of performance and compatibility with regard to equipment and the working environment.

Better formulation for safety

VIA 7000 is non-flammable and eliminates the obligation for workshops in the usage zone to be classified as ATEX zones (French administrative order of 8 July 2003). In workshops, **VIA 7000** takes the place of fuel oil, which can cause fires.

Better formulation for health

VIA 7000 does not contain solvents so does not emit vapours. In addition, it is non-irritating and non-sensitising, so has very little dehydrating effect on lipo-cutaneous tissue. This formulation does not contain any substances listed as carcinogenic, mutagenic, toxic, reprotoxic, harmful, irritant, sensitising, corrosive or hazardous for the environment (French administrative order of 9 November 2004). **VIA 7000** does not cause any occupational diseases. It is not subject to any particular medical surveillance. Never use fuel oil available on a site and classified as a class 3 carcinogen.

Better formulation for the environment

VIA 7000 eliminates the need to comply with French administrative order of 29 May 2000 pertaining to VOC emissions. **VIA 7000** is completely biodegradable and breaks down quickly. Thus, in the event of accidental spillage, it is not harmful for the environment or local populations. It does not give rise to the need for authorisation or notification of use with respect to the administrative authorities (French decree 2002-680).

VIA 7000 is readily and completely biodegradable according to the OECD 301B test (monitoring of CO₂ emissions during breakdown).

Better formulation for waste management

VIA 7000 is classified as NHIW (non-hazardous industrial waste). Following use, it can be collected free of charge for value enhancement.

VIA 7000 is formulated using renewable ingredients that are 100% of vegetable origin and that have been subject to a lifecycle analysis. (ISO 14040).

VIA 7000 is water insoluble and does not give rise to hydrocarbon separator tank malfunctions.

Typical physical and chemical properties

PROPERTIES	STANDARDS	VALUES	UNIT
Appearance	Visual	Liquid	-
Water solubility	-	0	%
Colour*	Visual	-	-
Odour	Olfactory	Weak	-
Density at 25°C	ISO 12185	880	kg/m ³
Freezing point	ISO 3016	-20	°C

*This product is based on natural vegetable oil esters, which may result in colour variation depending on origin. The colour may also vary depending on the production location and climatic conditions prior to harvest. Variations in colour, no matter how considerable, have no impact on product performance.

Performance specifications

Bitumen removal time with VIA 7000	Internal method	5'30"	mins - secs
Bitumen removal time with fuel oil	Internal method	5'45"	mins - secs

Fire safety specifications

Closed-cup flash point	NF EN 22719	170	°C
Autoignition temperature	ASTM E659	>250	°C
Lower explosive limit	-	Non-explosive	% (v/v)
Upper explosive limit	-	Non-explosive	% (v/v)
Vapour pressure	-	<0.01	kPa at 20°C
Concentration of explosive, combusive, flammable, highly flammable, or extremely flammable substances	CLP Regulation (EC) No. 1272/2008	None	-

Toxicological specifications

Anisidine value	ISO 6885	1.48	-
Totox (anisidine value + 2x peroxide value)	-	13.88	-
Accelerated oxidation test (Rancimat test)	ISO 6886		
- Flow rate	-	10	l/h
- Temperature	-	100	°C
- Time	-	5.8	h
Concentration of toxic, highly toxic, carcinogenic, mutagenic, reprotoxic, harmful, irritant or corrosive substances	CLP Regulation (EC) No. 1272/2008	None	-

Environmental specifications

Biodegradability	OECD 301B test	Readily biodegradable	-
VOC concentration (volatile organic compounds)	-	0	%
Solvent concentration	-	0	%
Concentration of substances hazardous for the environment	CLP Regulation (EC) No. 1272/2008	None	-

Precautions for use

- Store in a sheltered location at moderate temperatures before use.
- Do not spread the product in large quantities or by pouring from a container. It is preferable to use a spray gun.
- To be used undiluted. Do not mix with fuel oils classified as carcinogenic.
- Do not use as a detergent on bodywork.