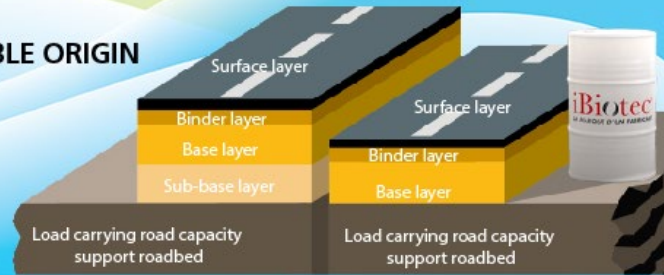


iBiotec®

TECHNICAL PRODUCTS OF VEGETABLE ORIGIN

FOR APPLYING

HOT, WARM, AND COLD ASPHALT



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iBiotec®

SOLVETAL® 5050

ready-to-use

2 FUNCTIONS

DE-BITUMINIZING AND ANTI STICKY
SPECIAL CONSTRUCTION SITE

Specific formula

not to degrade the coatings



Improves safety at work

Made from new generation vegetable-based esters

Fully biodegradable

Use undiluted

Formula adapted to prevent damage to roadways under construction

DESCRIPTION

SOLVETAL® 5050 is a concentrated fluid for de-bituminizing and anti-sticking treatment, for the transport and application of road surfaces.

SOLVETAL® 5050 is a cleaning fluid specifically developed to replace low flash point or smoke generating vegetable-based esters. It immediately meets the expectations of Branch Managers, Safety Coordinators and Operations and Site Managers, not only in terms of safety at work, hygiene and the environment, but also in terms of performance and compatibility with the equipment and its environment

PHYSICAL AND CHEMICAL PROPERTIES

PROPERTIES	STANDARDS	VALUES	UNITS
Appearance	Visual	Liquid	-
Solubility in water	-	0	%
Colour*	Visual	Yellow	-
Odour	Olfactory	Weak	-
Density at 25°C	NF EN ISO 12185	0,885	kg/m ³
Freezing point	ASTM D 97	-20	°C
Kinematic viscosity at 40°C	NF EN 3104	10.5	mm ² /s
Refractive index	NF EN ISO 6320	1.4620	

PERFORMANCE CHARACTERISTICS

PROPERTIES	STANDARDS	VALUES	UNITS
De-bituminizing time	Internal method	6'30"	mn.sec
Fuel oil de-bituminizing time	Internal method	5'45"	mn.sec

FIRE SAFETY PROPERTIES

PROPERTIES	STANDARDS	VALUES	UNITS
Vacuum flash point	EN ISO 2592	194	°C
Self-ignition point	ASTM E 659	>300	°C
Lower explosive limit	-	Non-explosive	% (v/v)
Upper explosive limit	-	Non-explosive	% (v/v)
Vapour pressure	-	<0.01	kPa at 20°C
Content of explosive, oxidizing, flammable, highly or extremely flammable substances	EEC Regulation 1272/2008 CLP	Total absence	-

TOXICOLOGICAL PROPERTIES

PROPERTIES	STANDARDS	VALUES	UNITS
Iodine value	NF EN 14111	<100	g/100 g
Totox (Anisidine Index + 2x Incide Peroxide)	-	48.56	-
Accelerated oxidability test (Rancimat test)	NF ISO 6886		
- Flow rate		10	L/h
- Temperature		100	°C
- Time		2.6	h
Content of toxic, very toxic, carcinogenic, mutagenic,	EEC Regulation	Total absence	-

reprotoxic, harmful, irritant or corrosive substances	1272/2008 CLP		
ENVIRONMENTAL PROPERTIES			
PROPERTIES	STANDARDS	VALUES	UNITS
Biodegradability	OECD TEST 301 B	Easily biodegradable	-
VOC (Volatile Organic Compounds) content	-	0	%
Solvent content	-	0	%
Environmentally hazardous substances content	EEC Regulation 1272/2008 CLP	Total absence	-

PRECAUTIONS FOR USE

Store under cover in temperate environments before use.

Do not apply the product in large quantities or using a drum. Preferably use a sprayer.

In case of any accidental spillage on newly laid surfaces, rinse the surfaces immediately and thoroughly with water. The primary function of this product is to remove bitumen.

Do not apply to asphalt before and after laying.

Use undiluted. Do not mix with fuel oil, which is classified as carcinogenic.

Do not use as a bodywork detergent.

APPLICATIONS

FUNCTIONS	SUPPORTS (equipment or hardware) concerned
De-bituminizing	<ul style="list-style-type: none"> ▶ Spreader booms and emulsion circuits for integrated boom finishers ▶ Borders ▶ Soiled tools (rake handles and teeth, shovels, etc.) ▶ Soiled clothes ▶ Soiled gloves ▶ Soiled shoes
Anti-stick	<ul style="list-style-type: none"> ▶ Finisher table ▶ Profiler conveyor ledger ▶ Finisher feeder and feed screw ▶ Finisher belt ▶ Loader buckets carrying asphalt ▶ Sleds for CMA machines ▶ Tools (scrapers, shovels, rakes, etc.) ▶ Manhole top plates ▶ Shoes ▶ Vibrating plates

DIRECTIONS FOR USE

Spray a fine mist on the surfaces to be treated.

To remove asphalt deposits, leave for several minutes and then rinse with a high-pressure cleaner.

Container GRV 1000 L



Drum 200 L



Can 20 L



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Consulter la fiche de données de sécurité.

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