

TECHNICAL SHEET

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

[Download the data sheet](#)

MSDS available on request

PHYSICAL AND CHEMICAL PROPERTIES

PROPERTIES	VALUES	UNITS
Appearance	Liquid	-
Solubility in water	0	%
Colour*	-	-
Odour	Weak	-
Density at 25°C	895	kg/m ³
Freezing point	-20	°C
Kinematic viscosity at 40°C	10.5	mm ² /s
Refractive index	1.4620	
PERFORMANCE CHARACTERISTICS		
PROPERTIES	VALUES	UNITS
De-bituminizing time	6'30"	mn.sec
Fuel oil de-bituminizing time	5'45"	mn.sec
FIRE SAFETY PROPERTIES		
PROPERTIES	VALUES	UNITS
Vacuum flash point	>170	°C
Self-ignition point	>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	Total absence	-
TOXICOLOGICAL PROPERTIES		
PROPERTIES	VALUES	UNITS
Iodine value	<100	g/100 g

Totox (Anisidine Index + 2x Incide Peroxide)	48.56	-
Accelerated oxidability test (Rancimat test)		
- Flow rate	10	L/h
- Temperature	100	°C
- Time	2.6	h
Content of toxic, very toxic, carcinogenic, mutagenic, reprotoxic, harmful, irritant or corrosive substances	Total absence	-
Limit value and average exposure (VLE and VME)	without	ppm
ENVIRONMENTAL PROPERTIES		
PROPERTIES	VALUES	UNITS
Biodegradability	Easily biodegradable	-
VOC (Volatile Organic Compounds) content	0	%
Solvent content	0	%
Environmentally hazardous substances content	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

De-bituminizing

- ▶ 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

- ▶ 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

SUPPORTS (eo

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.

PRESENTATIONS

Container GRV 1000 L



Drum 200 L



Can 20 L



USAGE RESERVE AUX UTILISATEURS PROFESSIONNELS
Consulter la fiche de données de sécurité.

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