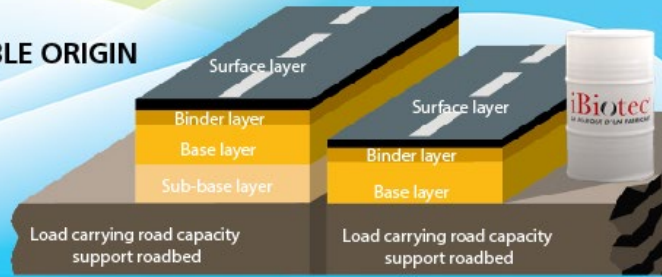


# iBiotec®

TECHNICAL PRODUCTS OF VEGETABLE ORIGIN  
FOR APPLYING  
HOT, WARM, AND COLD ASPHALT



Datasheet - Last update: 2024/09/19

## iBiotec®

**SOLVETAL®**  
**DBE 250**  
**2 functions**

ANTI-STICKY EMULSIFIABLE FOR COATING PLANTS  
Equipped with automatic spray ramps  
Pure employee, pure streamer



Can be used pure or diluted  
Improves safety at work  
Made from new generation vegetable-based esters  
Fully biodegradable

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### DESCRIPTION

**SOLVETAL® DBE 250** is a concentrated fluid for the anti-sticking and de-bituminizing treatment, for the manufacture and transport of road surfaces.

**SOLVETAL® DBE 250** 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 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	VALUES	UNITS
Appearance	Liquid	-
Solubility in water	100	%
Colour*	-	-
Odour	Weak	-
Density at 25°C	885	kg/m <sup>3</sup>
Freezing point	-12	°C
Kinematic viscosity at 40°C	4.5	mm <sup>2</sup> /s
Refractive index	1.4560	

**PERFORMANCE CHARACTERISTICS**

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

**FIRE SAFETY PROPERTIES**

PROPERTIES	VALUES	UNITS
Vacuum flash point	202	°C
Self-ignition point	>250	°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	109	g/100 g
Totox (Anisidine Index + 2x Incide Peroxide)	09:56	-
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	-

**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 pure or diluted in water. Do not mix with fuel oil, which is classified as carcinogenic. Do not use as a bodywork detergent.

## APPLICATIONS

FUNCTIONS	SUPPORTS (equipments or hardware) concerned
Anti-stick	<ul style="list-style-type: none"><li>Skips, shuttles or scraper conveyors for transporting asphalt</li><li>Trucks skips</li></ul>
De-bituminizing	<ul style="list-style-type: none"><li>Metal parts with bitumen</li><li>Metal parts with grease</li><li>Laboratory glassware with emulsion or bitumen</li><li>Soiled clothes</li><li>Soiled gloves</li><li>Soiled shoes</li><li>Bitumen filter</li></ul>

## DIRECTIONS FOR USE

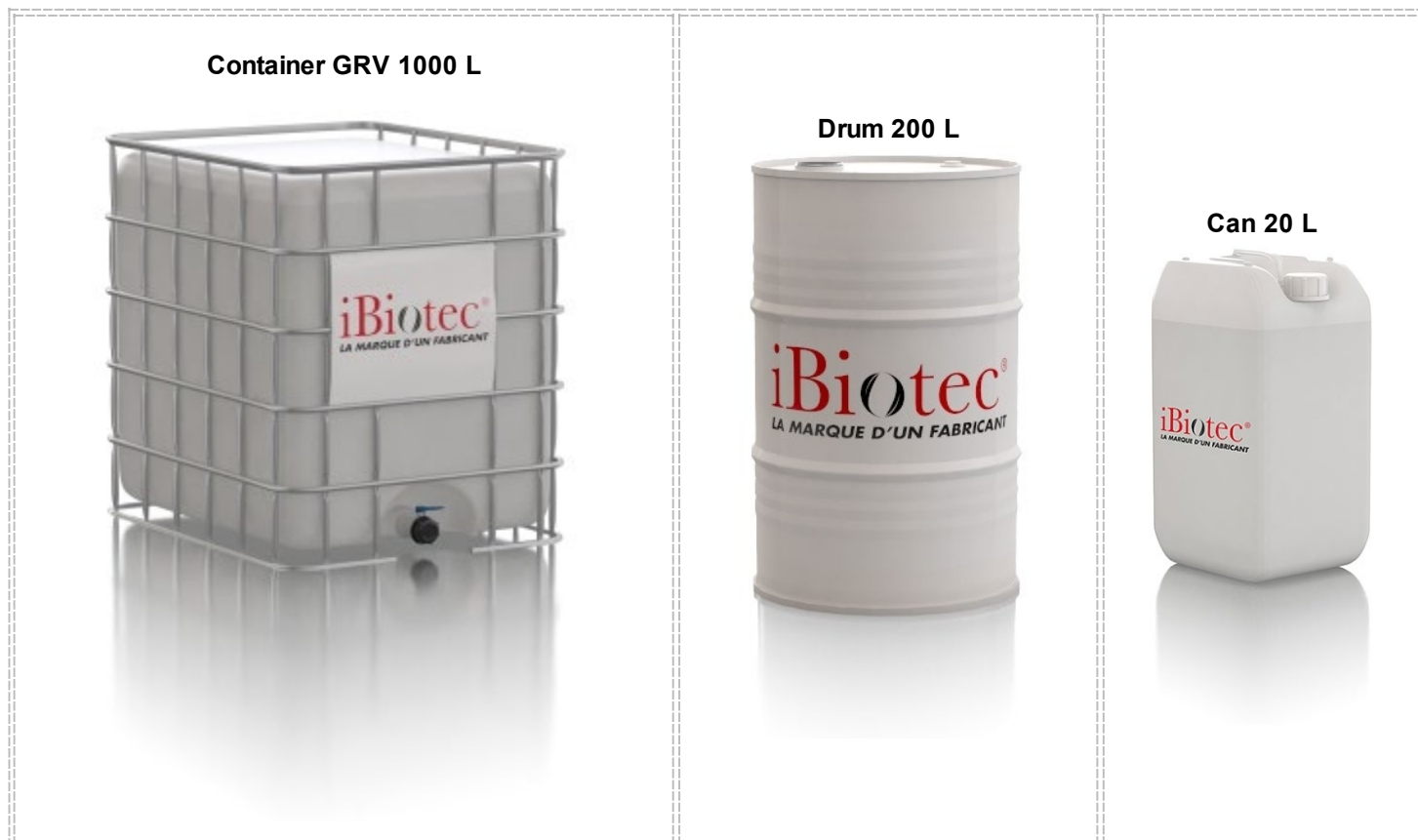
Use diluted for truck skip spray booms. To be used 30% in water or undiluted, determined according to the asphalt composition. For cleaning operations, use undiluted by spraying or brushing, leave to act and then rinse with water.

**For plants not equipped with automatic spray ramps,  
prefer a ready-to-use adhesive suitable with a low-pressure sprayer**

## SOLVETAL® AC 100

[description and data sheet on anticollantbitume.com](http://description and data sheet on anticollantbitume.com)

## PRESENTATIONS



**iBiotec® Tec Industries® Service**  
Z.I La Massane - 13210 Saint-Rémy de Provence – France  
Tél. +33(0)4 90 92 74 70 – Fax. +33 (0)4 90 92 32 32  
[www.ibiotec.fr](http://www.ibiotec.fr)

### USAGE RESERVE AUX UTILISATEURS PROFESSIONNELS

Consulter la fiche de données de sécurité.

Les renseignements figurant sur ce document sont basés sur l'état actuel de nos connaissances relatives au produit concerné. Ils sont donnés de bonne foi. Les caractéristiques y figurant ne peuvent être en aucun cas considérées comme spécifications de vente. L'attention des utilisateurs est en outre attirée sur les risques éventuellement encourus lorsqu'un produit est utilisé à d'autres usages que ceux pour lesquels il est conçu. Parallèlement, le client s'engage à accepter nos conditions générales de marché de fournitures dans leur totalité, et plus particulièrement la garantie et clause limitative et exonératoire de Responsabilité. Ce document correspond à des secrets commerciaux et industriels qui sont la propriété de Tec Industries Service et, constituant un élément valorisé de son actif, ne saurait être communiqué à des tiers en vertu de la loi du 11 juillet 1979.