

iBiotec®

MMCCO microchem®

**MANUFACTURER OF TECHNICAL AEROSOLS AND PRODUCTS FOR INDUSTRY
PROCESSES – MRO – MAINTENANCE
ALTERNATIVE SOLVENTS – CMR SUBSTITUTION**

Datasheet - Last update: 2022/06/29

**2 FONCTIONS
Anti-stick and De-bituminizing
EMULSIFIABLE
for ASPHALT MIXING PLANTS
LOCATIER SKIPS**

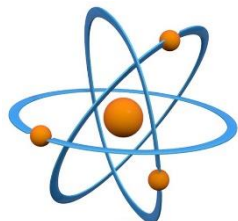
Solvétal®


DBE 250

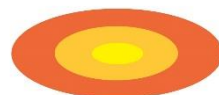
**Used undiluted, HIGHLY DE-BITUMINIZING
To be used 30% in water
DE-BITUMINIZING AND ANTI-STICK**



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



Teneur en COV 0



CARBON BALANCE®

1.55 Kg Carbon Equivalent



GUARANTEED WITHOUT RESIDUAL PESTICIDES
GMO-FREE

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	STANDARDS	VALUES	UNITS
Appearance	Visual	Liquid	-
Solubility in water	-	100	%
Colour*	Visual	-	-
Odour	Olfactory	Weak	-
Density at 25°C	NF EN ISO 12185	885	kg/m ³
Freezing point	ASTM D 97	-8	°C
Kinematic viscosity at 40°C	NF EN 3104	4.5	mm ² /s
Refractive index	NF EN ISO 6320	1.4560	
PERFORMANCE CHARACTERISTICS			
PROPERTIES	STANDARDS	VALUES	UNITS
De-bituminizing time	Internal method	5'30"	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	202	°C
Self-ignition point	ASTM E 659	>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	EEC Regulation 1272/2008 CLP	Total absence	-
TOXICOLOGICAL PROPERTIES			
PROPERTIES	STANDARDS	VALUES	UNITS
Iodine value	NF EN 14111	109	g/100 g
Totox (Anisidine Index + 2x Incide Peroxide)	-	09:56	-
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, reprotoxic, harmful, irritant or corrosive substances	EEC Regulation 1272/2008 CLP	Total absence	-
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 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"> ▶ Skips, shuttles or scraper conveyors for transporting asphalt ▶ Trucks skips
De-bituminizing	<ul style="list-style-type: none"> ▶ Metal parts with bitumen ▶ Metal parts with grease ▶ Laboratory glassware with emulsion or bitumen ▶ Soiled clothes ▶ Soiled gloves ▶ Soiled shoes ▶ Bitumen filter

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.

Container GRV 1000 L



Drum 200 L



Can 20 L



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USAGE RESERVE AUX UTILISATEURS PROFESSIONNELS

Consulter la fiche de données de sécurité.

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