

Mesamoll[®] 51067

Plasticizers

Description

General purpose plasticizer with good gelling behaviour. The trial product is compatible with many types of polymers including PVC, polyurethane and rubber.

Chemical Composition

Mixture of alkylsulphonic phenyl ester (ASE)

CAS Registry Number

91082-17-6 (ASE)

Appearance

Slightly yellowish, clear liquid

Solubility

Soluble in a lot of organic solvents; partial soluble in water.

Typical Properties*

Property	Nominal Value	Unit
Density 23 °C	approx. 1.07	g/cm ³
Refraction index 20 °C	approx. 1.49	#
Viscosity 23 °C	approx. 70	mPa·s
Color number	max. 350	Hazen
Water content	max. 0.06	%
Pour point	-38	°C
Dissolution temperature based on DIN 53 408	119	°C

*The analytical data are guide values.



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Application

Mesamoll® 51067 can be used as a plasticiser for a wide range of articles based on polyvinyl chloride (PVC), polyurethane (PUR), and natural and synthetic rubber.

Mesamoll® 51067 is characterised by an outstanding gelling behaviour in a PVC plastisol which provides the option of reducing processing temperatures or shorten processing times.

Packaging

Road tankers, 1000 kg PE-containers, 220 kg metal drums

Storage conditions

Mesamoll® 51067 should be kept in its tightly sealed original container in a dry place. If stored properly, this trial product is stable for 6 months. During storage, Mesamoll® 51067 should not come into contact with iron for prolonged periods since this may cause discoloration.

The materials recommended for transport and storage containers are: aluminium; stainless steel (V4A or V2A); tanks in uncoated polyester or, preferably, with an impervious DD coating; Iron containers shall be coated with an oil-resistant coating, particularly at storage temperatures above 50 °C. As sealants material should be used which are resistant to Mesamoll® 51067.

Handling

A receiving inspection is recommended. The product should be stored in its tightly sealed original container in a cool, dry place. Once opened, containers should be resealed tightly after removal of product. Consult material safety data sheet (MSDS) for additional handling information on Mesamoll® 51067.

® = registered trade mark

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