

<b>B+S Chemie GmbH</b>	<b>PRODUCT SHEET</b>	<b>Page</b>	01
		<b>Pages</b>	02
	<b>Diocetyl phthalate 30</b>	<b>Issue</b>	02
		<b>Effective date:</b>	15 May 2003

## 1. Description of product

- a) Trade name
- in English language: Diocetyl phthalate 30 /DOP30/
  - in German language: Dioktylphtalat 30
- b) Chemical name
- in English language: Di-2-ethylhexyl phthalate
  - in German language: Phtalsäure-2-ethylhexylester
- c) Chemical formula:  $C_{26}H_{44}(COOC_8H_{17})_2$
- d) Symbol PKWiU: 24.14.34-15.00
- g) Symbol PCN: 2917 32 00 0

## 2. Quality requirements

### 2.1. General requirements.

Diocetyl phthalate 30 is an oily liquid, color: from none to light straw, mechanical impurities: none.

### 2.2. Physical-chemical requirements.

Parameter	Value	Method of testing	Foreign equivalent
a) color, Pt-Co scale degree, not more than -	30	PN-81/C-04534/01	DIN ISO 6271
b) Ignition temperature, °C, not less than -	206	PN-82/C-04008	ISO 2592
c) Volatile matters at 150°C for 2h, % (m/m), not more than -	0.4	Factory	None, Factory
d) Esters in terms of diocetyl phthalate, % (m/m), not less than -	99.5	PN-77/C-88035	ISO 1385/V
e) Diocetyl phthalate, % (m/m), not less than -	99.5	Factory	None, Factory
f) Density at 20°C, g/cm <sup>3</sup> , from - to -	0.983-0.986	PN-ISO 3675:1997	ISO 3675
g) Free acids in terms of phthalic acid, % (m/m), not more than -	0.010	PN-88/C-89401	ISO 1385/IV
h) Water, % (m/m), at most -	0.10	PN-81/C-0459	PN-81/C-04959

## 3. Use

Diocetyl phthalate is used as softening agent in processing of plastics or paint and varnish industry.

## 4. Durability

Diocetyl phthalate is chemically stable. Only if respective storing and transport conditions as per it. 7 and it. 8 are met, the product will keep the quality requirements as per it. 2 for 6 (six) months from the date of loading.

## 5. Supporting documents

<b>B+S Chemie GmbH</b>	<b>PRODUCT SHEET</b>	<b>Page</b>	02
		<b>Pages</b>	02
	<b>Diocetyl phthalate 30</b>	<b>Issue</b>	02
		<b>Effective date:</b>	15 May 2003

If not otherwise provided by agreement with the customer, each product batch should be accompanied by quality certification confirming that the quality parameters are in accordance with the requirements of this chart.

#### **6. Packing**

Diocetyl phthalate is packed into railway steel tanks or auto-tanks. Other kind of package can also be used, but it is important that both the quality and safety are kept during transport and storing.

#### **7. Storing**

Diocetyl phthalate should be stored in closed steel tanks well protected against moisture. There are no restrictions as to storing other products together with diocetyl phthalate.

#### **8. Transport**

Diocetyl phthalate is transported in tanks as per it. 6. Diocetyl phthalate does not belong to dangerous materials according to RID/ADR.

#### **9. Other information**

---

#### **10. Related documents**

PN-ISO 3675:1997 "Crude oil and crude oil liquid products. Determining density or relative density with areometer".

PN-82/C-04008 "Crude oil products. Determining ignition temperature in an open crucible by Marcusson method".

PN-81/C-04534/01 "Chemical analysis. Determining colors of chemical products by Hazen scale (platinum-cobalt type)".

PN-81/C-04959 Determining water content by Karol Fischer method in organic/non-organic products.

PN-77/C-88035 "Technically pure diocetyl phthalate" -

PN-88/C-89401 "Softening agents. Methods of testing"

Only up-to-date standard issues are valid and binding.