

# Technical Data Sheet

**MERCK**

Product Group:

107651 Sucrose for microbiology

**Application:**

Literature:

**General Product Information:**

Formula Hill	$C_{12}H_{22}O_{11}$
Molar mass	342.30 g/mol
Bulk density	~ 800 - 950 kg/m <sup>3</sup>
CAS number	57-50-1
HS code	1701 99 10
EC number	200-334-9
Storage	Store at +15°C to +25°C.
SDS	available
RTECS	WN6500000

**Chemical /Physical Data:**

Odour	odourless	
Form	solid	
Color	colourless to white	
pH value	~ 7	100 g/l, water, 20 °C
Solubility in water	freely soluble	20 °C
Melting point	169 - 170 °C	
Thermal decomposition	> 169 °C	

**Toxiological Data:**

LD 50 oral                      LD oral rat 29700 mg/kg

**Package Information:**

Order Number:	Package:	Packages per pallet:	Packages:
1076511000	1 kg		Plastic bottle
1076515000	5 kg		Plastic bottle

**Advice:**

Consulting services

We offer our customers consulting services in questions of application technology to the best of our knowledge within the framework of the prevailing circumstances. Information and recommendations given by us are without obligation.

The existing laws and directives are to be complied with in all cases. This also applies to any protection rights of third parties.

Our suggestions do not exempt our customers from the necessity of taking responsibility for checking our products for their suitability for the purposes intended.

The reproduction of any quotations from our information literature is only permitted with our prior written consent and with an indication of the source.

If you have any further questions please contact the competent staff in the Merck agency responsible for you.