

**Safety Data Sheet in accordance with Regulation (EC) No
1907/2006
LICOWAX C P**

Substance key: SXR021341
Version : 2 - 8 / EU

Revision Date: 07.09.2007
Date of printing : 07.07.2009

1. Identification of the substance/preparation and of the company/undertaking

Trade name
LICOWAX C P

Material number: 107076

Use of the substance/preparation.

Industry sector : Polymers industry
 Paints, lacquers and varnishes industry
Type of use : Additive

Identification of the company

Clariant Produkte (Deutschland) GmbH

86368 Gersthofen
Telephone no. : +49 6196 757 60

Information about the substance/preparation

Division Pigments & Additives
+49 (0)821 479 2521
e-mail: PA.PSGERSTHOFEN@CLARIANT.COM

Emergency telephone number : +49 69 305 6418 (24 h)

2. Hazards identification

According to the present state of knowledge provided this product is handled correctly, there is no danger to humans or the environment
The relevant minimum standards for protective measures in the chemical industry should be observed.

3. Composition/information on ingredients

Chemical characterization
Bisstearoylethylenediamine

CAS number : 110-30-5
EINECS number : 203-755-6

4. First aid measures

General information

Seek medical assistance if discomfort continues

After contact with skin

After contact with molten product cool quickly with cold water
Do not pull solidified product from skin
Take for medical treatment

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After contact with eyes

Rinse the affected eye with plenty of water, at the same time keep the unaffected eye well protected.

5. Fire-fighting measures

Suitable extinguishing media

water mist
carbon dioxide
foam
dry powder

6. Accidental release measures

Environmental precautions

Do not allow entry to drains, water courses or soil

Methods for cleaning up/taking up

Take up mechanically

7. Handling and storage

Advice on safe handling

Provide suitable exhaust ventilation at processing machines.

Advice on protection against fire and explosion

Take precautions against accumulation of electrostatic charge
Observe the general rules of industrial fire protection
The product is combustible.
The product is under certain conditions capable of dust explosion.

Fire class : B

8. Exposure controls / personal protection

Occupational exposure controls

General protective measures

Avoid contact of molten material with skin

Hygiene measures

Wash hands before breaks and after work.
At work do not eat, drink, smoke or take drugs.
Use barrier skin cream.

Hand protection : Nitrile rubber gloves.
Minimum breakthrough time (glove): not determined
Minimum thickness (glove): not determined
Observe the information of the glove manufacturers on permeability and breakthrough times and other workplace requirements

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Eye protection : safety glasses
Body protection : working clothes

9. Physical and chemical properties

Form : Powder
Colour : white to light yellow
Odour : weak
Drop forming point : approx. 140 °C
Method : DIN/ISO 2176
Source : Hoechst
Flash point : Not applicable
Self-ignition temperature : not tested.
Flammability
Combustion number : not tested.
Vapour pressure : Not applicable
Density : 0,99 - 1,01 g/cm³ (23 °C)
Method : ISO 1183
Source : Hoechst
Solubility in water : (20 °C)
insoluble
pH value : not tested.
Acid number (mgKOH/g) : < 8 mg/g
Method : ISO 2114
Source : Hoechst
Viscosity (dynamic) : approx. 10 mPa.s (150 °C)
Method : DIN 53018

10. Stability and reactivity

Thermal decomposition : > 200 °C
Method : DTA
Source : Hoechst
No decomposition if used as prescribed.

Hazardous reactions

Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.

Hazardous decomposition productsPossible in traces:
Nitrous gases
Nitrous oxides (NO_x)

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Acute oral toxicity :	LD50 > 20.000 mg/kg (mouse) Source : Hoechst
Irritant effect on skin :	non-irritant (rabbit) Source : Hoechst
Irritant effect on eyes :	slight irritant effect - does not require labelling (rabbit eye) Source : Hoechst

12. Ecological information

Fish toxicity :	LC50 > 10.000 mg/l (96 h, zebra fish) Method : OECD 203
Daphnia toxicity :	EC50 > 10.000 mg/l (48 h, Daphnia magna) Method : OECD 202
Bacteria toxicity :	EC50 > 1.000 mg/l (3 h, activated sludge) Method : OECD 209
Bioaccumulation:	Bioconcentration factor (BCF): Bioconcentration factor (BCF):

Remarks

Product is insoluble in water
May be separated out mechanically in treatment plants

13. Disposal considerations**Product**

In accordance with the necessary technical regulations may be dumped with household waste, after consultation with site operator and with the responsible authority
Material may be recycled

Uncleaned packaging

Packaging that cannot be cleaned should be disposed of as product waste
Completely empty packaging may be treated as household waste

14. Transport information

ADR	not restricted
ADNR	not restricted
RID	not restricted
IATA	not restricted

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IMDG not restricted

15. Regulatory information

Labelling in accordance with EC-Directives

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

EC number: 203-755-6

Chemical Safety Assessment

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the ingredients of the preparation, which constitute(s) this product.

16. Other information

Decimal notation: "Thousands" places are identified with a dot (example: 2.000 mg/kg means "two thousand mg/kg"). Decimal places are identified with a comma (example: 1,35 g/cm³).

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information. In all cases, our general conditions of sale apply.