

Information Sheet Product Safety

No substitute for the safety data sheet !

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BASF Information Sheet Product Safety - No substitute for the safety data sheet !

Date / Revised: 05.12.2014

Version: 1.4

Product: **Luvitec® K 90 HM powder**

(30163755/ISP_GEN_RW/EN)

Date of print 21.10.2025

1. Substance/preparation and company identification

Luvitec® K 90 HM powder

Use: Raw material, for industrial use only

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Operating Division Nutrition and Health

Telephone: +49 621 60-48434

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2. Chemical nature

polyvinylpyrrolidone

Number:

CAS 9003-39-8

3. Specific ingredients

VOC content:

Basis of registration: Directive 2004/42/CE of the European Parliament and of the Council organic compounds on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products

Volatile organic compound VOC: 120 mg/kg

Remarks: VOC contents are average values from running production.

Product does not contain:

bisphenol A

Alkylphenol ethoxylate (APEO)

Phthalates

Polycyclic aromatic hydrocarbons (PAK)

Polybrominated Diphenylether (PBDE)

Perfluorinated tensides (PFT)

The a.m. substances are not used in the manufacture of the product either as raw materials or as additives. Therefore the title product has not been analyzed for these substances. However, based on our knowledge of the composition of the raw materials and additives and the manufacturing process involved, it can be stated with a reasonable degree of certainty that the a.m. substances should not be present in the product, except those small ubiquitous traces, which may be detectable all over the world.

4. Status of registration in inventories

Country	List/Inventory	Registration status
Australia	AICS, AU	released / listed
Canada	DSL, CA	released / listed
China	IECSC, CN	released / listed
Relevant for Regulation REACH	REACH	released / components are registered, pre-registered or exempt
Japan	ENCS/IS, JP	released / listed
Korea (south)	ECL, KR	released / listed
New Zealand	NZIOC, NZ	released / exempt
Philippines	PICCS, PH	released / listed
Switzerland	CHEMINV, CH	released / listed
USA	TSCA, US	released / listed

5. Registration in product registers

Country	Number
South Korea	04-061102-0195

If required, notifications in other national product registers can be made on request.

6. Food contact regulations

European Union:

European Union:

Presuming appropriate processing, the product can be used in the countries of the European Community for the manufacture of coatings and adhesives on food contact materials or articles according to article 3 of Regulation (EC) No 1935/ 2004 ("Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27th October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC").

Compliance with the provisions of Regulation (EC) No 1935/2004, especially the suitability of the articles for the given application, the effect on smell and taste of the food, and observance of any limitations that are specified, must be ensured by the person who introduces the articles into circulation (see the last paragraph).

Compliance with specific restrictions mentioned in the Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food, and amendments thereof, has to be ensured. This includes the following restrictions regarding monomers and additives:

European Union:

The following abbreviations are used:

FCM-No.	=	the unique identification number of the substance in the Regulation (EU) No 10/2011
SML	=	specific migration limit in food or in food simulant
SML(T)	=	specific migration limit in food or in food simulant for the respective substance group
ND	=	non-detectable

For the substances listed below additional restrictions specified in Regulation (EU) No 10/2011 have to be observed.

2,2',2"-nitrilotriethanol, CAS-No. 102-71-6	FCM subst. no. 793	SML: 0.05 mg/kg
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DL = Detection limit of the method of analysis

ND = Not detectable

QM = Maximum permitted quantity of the residual substance in the material or article

QM(T) = Maximum permitted quantity of the residual substance in the material or article expressed as mg of total of moiety or substance(s) based on 6 dm² of the surface in contact with foodstuffs

QMA = Maximum permitted quantity of the 'residual' substance in the finished material or article based on 6 dm² of the surface in contact with foodstuffs

QMA(T) = Maximum permitted quantity of the residual substance in the finished material or article expressed as mg of total of moiety or substance(s) based on 6 dm² of the surface in contact with foodstuffs.

SML = Specific migration limit in food or in food simulant

SML(T) = Specific migration limit in food or in food simulant expressed as total of moiety or substance(s) indicated

European Union:

European Union:

The product is listed in Commission Regulation (EU) 10/2011 from 14 January 2011 on plastic materials and articles intended to come into contact with food and its subsequent amendments in Annex 1 without a specific migration limit.

Lots with a residual N-vinylpyrrolidone content below 10 mg/kg and a residual hydrazine content below 1 ppm fulfill the purity requirements of Regulation (EU) 10/2011.

Corresponding product specification has to be negotiated with your relevant contact person at BASF.

European Union:

European Union:

No additives are used in the manufacture of the product, which are listed in Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food most recently amended by the Commission Regulation (EU) No. 1183/2012 of 30 Nov. 2012, and which are at the same time authorised as food additives by Regulation (EC) No 1333/2008 of 16 Dec. 2008 on food additives, as amended, or which are authorised flavourings by Regulation (EC) No 1334/2008 of 16 Dec. 2008 on flavourings and certain food ingredients with flavouring properties for use in and on foods, as amended.

Germany:

The composition of the product complies with the requirements of BfR (Federal Institute for Risk Assessment) - Recommendation XIV. 'Polymer-Dispersionen' (Plastics Dispersions), dated 01.10.2014. The specific migration limits of Regulation (EU) No 10/2011 have to be ensured. The product can be used for the production of articles of paper and board, which comply with the requirements of BfR - Recommendation XXXVI. 'Papiere, Kartons und Pappen für den Lebensmittelkontakt' (Paper and board for food contact), dated 01.10.2014. The specific restrictions must be met by the article under the conditions of use and have to be tested by the packer or converter.

USA:

The product is in compliance with the Federal Drug and Cosmetic Act for the use in adhesives according to FDA Regulation 21 CFR 175.105 'Adhesives'. The person who introduces the finished article into circulation has to ensure that the article meets the requirements of FDA Regulation 21 CFR 175.105, such as a functional barrier to protect the food against migration from the adhesive.

The composition of the product complies with the requirements of FDA Regulation 21 CFR 175.300 'Resinous and polymeric coatings'.

The product complies with the requirements of FDA Regulation 21 CFR 176.170 'Components of paper and paperboard in contact with aqueous and fatty foods'.

The composition of the product complies with the requirements of FDA Regulation 21 CFR 176.180 'Components of paper and paperboard in contact with dry food'.

As the composition of the product complies with 21 CFR § 175.105 the product also complies with regulation 21 CFR § 177.1390 "Laminate structures for use at temperatures of 250 °F and above", provided it is separated from the interior (food contact) layer(s) by a functional barrier as discussed under paragraph (a) of 21 CFR § 177.1390.

The product is not directly listed in FDA Regulation 21 CFR § 177.1395 "Laminate structures for use at temperatures between 120°F and 250 °F". However these laminated structures may be manufactured from polymers and adjuvants complying with FDA regulation 21 CFR 177.1390, provided the limitations given in 21 CFR 177.1390 are met.

Notice: Appropriate processing conditions for the articles have to be applied. The suitability of the articles for the application concerned, including their effect on smell and taste of the food, and observance of any given limitations (for example overall migration, specific limits and other analytical requirements) must be tested and ensured in each case by the person who introduces the articles into circulation.

7. Branch specific regulations

Toy standard:

EN 71 - Part III (Safety of toys - Migration of certain elements)

During the manufacturing process of the product the elements aluminium, antimony, arsenic, barium, boron, cadmium, chromium(III), chromium(VI), cobalt, copper, lead, mangan, mercury, nickel, selenium, strontium, tin, organic tin compounds and zinc as well as their compounds will be used neither as ingredient nor as additive. Therefore the product meets the EN 71 Part III:2013 'Safety of toys - Migration of certain elements' standard.

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Vertical lines in the left hand margin indicate an amendment from the previous version.

This 'Information sheet product safety' provides supplementary information on legal as well as branch specific regulations on chemicals for our products not covered by the material safety data sheet. This information is based on our knowledge and experience at the revision date. The data in our information sheet does not imply either a warranty nor the contractual agreement on the properties of our products. A suitability of our products for a specific purpose is herewith not declared. We especially do not guarantee a suitability of our products for application in the area of medicinal or pharmaceutical use. Due to the abundance of possible influences during the usage of our products these data do not free the recipient from his own tests and experiments. If you need further product safety relevant information about our product please don't hesitate to contact the contact address above.

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