

Product Information Sheet

Commercial Product Name: HEUCODUR Yellow 7G

Article-No.: 1022177

Revision Date: 04.11.2022

Replaces version from: 23.03.2021

Version: 6.1/en

Print date: 16.04.2025



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

Product identifier

Commercial Product Name	HEUCODUR Yellow 7G
CAS no.	8007-18-9
EC-No.	701-459-6
REACH registration number	01-2119491302-44-0003

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	As no exposure scenarios according to Article 14.4 of Regulation (EC) 1907/2006 are required no detailed information on use is given. Most common technical function of substance (what it does): Pigment ; Industrial uses, Professional use Remarks: The substance is contained in consumer products. The substance is contained in articles handled by consumers.
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Details of the supplier of the product safety information

Company designation	Sudarshan Langelsheim PLT GmbH Heubachstrasse 7 D-38685 Langelsheim Telephone: +49(0)5326-52-0 FAX: +49(0)5326-52-213 Email: - Internet: www.heubach.com
Responsible Department	Email: DL-DELH.Product-Safety@heubach.com



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Emergency telephone number

Giftinformationszentrum-Nord: Telephone: +49(0)551-19240 (German/English)

2. Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008	This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].
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Label elements

Particular information pertaining specific risk for human / environment	No risks worthy of mention.
Results of PBT and vPvB assessment	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

3. Composition/information on ingredients

3.1 Substances

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Chemical characterization C.I. Pigment Yellow 53

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities, in accordance with EU or national regulations should be referred to in Section 3.

4. First aid measures

Description of first aid measures

General advice	Get medical advice/attention if you feel unwell.
If inhaled	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
In case of skin contact	Gently wash with plenty of soap and water.
In case of eye contact	Rinse immediately carefully and thoroughly with eye-bath or water. If eye irritation persists: Get medical advice/attention.
If swallowed	Rinse mouth thoroughly with water. When in doubt or if symptoms are observed, get medical advice.

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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Indication of any immediate medical attention and special treatment needed

Immediate medical attention	Treat symptomatically.
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5. Firefighting measures

Extinguishing media

Suitable extinguishing media	Extinguishing powder Water spray jet In case of major fire and large quantities: Water spray jet, alcohol resistant foam
Extinguishing media which must not be used for safety reasons	Carbon dioxide

Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings. Avoid breathing dust/fume/gas/mist/vapours/spray.
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Advice for firefighters

Special protective equipment for fire-fighting	In case of fire: Wear self-contained breathing apparatus.
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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear personal protection equipment (refer to section 8). Wear breathing apparatus if exposed to vapours/dusts/aerosols.
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Environmental precautions

Environmental precautions

Do not allow to enter into surface water or drains.
If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

Methods and material for containment and cleaning up

Methods for cleaning up

Wet clean or vacuum up solids. Collect in closed and suitable containers for disposal.
Clean contaminated objects and areas thoroughly observing environmental regulations.

Reference to other sections

Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8
Disposal: see section 13

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Wear suitable protective clothing.
If the formation of dust is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used.
Wear eye glasses with side protection according to EN 166.
When using do not eat or drink.

Conditions for safe storage, including any incompatibilities

Storage space and container requirements

Keep only in the original container. Store in a well-ventilated place. Keep container tightly closed.

TRGS 510

Storage class 13

Specific end use(s)

Specific use(s)

No information available.

8. Exposure controls/personal protection

Control parameters

Antimony nickel titanium rutile

DNEL	Target group	Exposure route	Remarks	Source
4 mg/m ³	DNEL worker	inhalative	DNEL long-term inhalative (local)	REACH Dossier
3 mg/m ³	DNEL Consumer	inhalative	DNEL long-term inhalative (local)	REACH Dossier

PNEC	Target group	Exposure route	Source
0,1 mg/L	Daphnia magna	PNEC aquatic, freshwater	REACH Dossier
0,01 mg/L	Daphnia magna	PNEC aquatic, marine water	REACH Dossier
568 mg/L	Pseudomonas putida	PNEC sewage treatment plant (STP)	REACH Dossier
1 mg/L	Daphnia magna	PNEC aquatic, intermittent release	REACH Dossier

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not applicable		PNEC sediment, marine water; PNEC sediment, freshwater	REACH Dossier
not applicable		PNEC soil	REACH Dossier

dust

Germany				
Value / mg/m3	Remarks	Issuing date	Ceiling Limit Value	Source
1,25	AGS; alveolar fraction	02/14		TRGS 900
10	AGS; Inhalable fraction	02/14	2(II)	TRGS 900

Exposure controls

Respiratory protection	If the formation of dust is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used.
Hand protection	By short-term hand contact: Hand protection is not required By long-term hand contact: Wear suitable gloves.
Suitable material	NBR (Nitrile rubber) Leather.
Eye protection	Wear eye glasses with side protection according to EN 166.
General protective and hygiene measures	Provide adequate ventilation as well as local exhaustion at critical locations.
Consumer exposure controls	See section 7. No additional measures necessary.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state	solid
Form	Powder
Colour	yellow
Odour	odourless
Odour threshold	not determined
pH	
Temperature [°C]	20 °C
Concentration	100 g/L in aqueous solution 7 - 9
Melting point [°C] / Freezing point [°C]	>1000
Boiling point [°C]	not applicable
Boiling range [°C]	not applicable
Flash point [°C]	not applicable
Flammability	not applicable
Explosion limits [Vol-%]	
Lower limit	not applicable
Upper limit	not applicable

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Vapour pressure [kPa]	not applicable
Density [g/cm ³]	4,6
Relative density	not determined
Water solubility [g/l]	<0,1
Partition coefficient n-octanol /water (log P O/W)	not determined
Autoignition temperature [°C]	not self-igniting
Autoinflammability	not determined
Decomposition temperature [°C]	not determined
Viscosity, dynamic [kg/(m s)]	not applicable
Viscosity, kinematic [mm ² /s]	not applicable
Oxidising properties	The product does not contain substances classified as oxidising.

Other information

Relative vapour density (air=1)	not applicable
Risk of explosion.	not explosive.
Other data	No information available.
Other information	Granulometry: (µm) D10: ca. 0,6 D50: ca. 1,1 D90: ca. 2,4
Measuring method	ISO 13320-1

10. Stability and reactivity

Reactivity

Reactivity	No information available.
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Chemical stability

Chemical stability	Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.
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Possibility of hazardous reactions

Hazardous reactions	No hazardous reactions when stored and handled according to instructions.
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Conditions to avoid

Conditions to avoid	No information available.
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Incompatible materials

Materials to avoid	No information available.
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Hazardous decomposition products

Hazardous decomposition products	No hazardous decomposition products if stored and handled as prescribed/indicated.
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11. Toxicological information

Information on toxicological effects

Oral toxicity [mg/kg]	>2000
Test criterion	LD50:
Test species	Rat
Test method	OECD 401
Dermal toxicity [mg/kg]	not relevant
Inhalative toxicity [mg/l]	not relevant
Irritant effect on skin	Not an irritant.
Test species	Rabbit
Exposure duration [h]	24 h
Irritant effect on eyes	Not an irritant.
Irritant effect on the respiratory tract	Not an irritant.
Sensitization	The substance is not bioavailable and leachable fractions of metal ions are regarded as of no concern for skin sensitisation. The dermal exposure pathway is assessed as not relevant.
Carcinogenic effects	not relevant
Mutagenicity	No indications of mutagenic toxicity from experimental results. The substance is considered as not bioavailable.
Reproduction toxicity	No indications were given for a toxic potential on reproduction or development. Endpoint is not relevant for non-bioavailable substances.
Specific target organ toxicity (repeated exposure) [mg/kg]	
Remarks	There is no need for classification for the substance, which is considered as not bioavailable.

Additional information

Experience in practice	When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
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12. Ecological information

Toxicity

Toxicity to fish [mg/l]	>10000
Test criterion	LC50:
Test species	Leuciscus idus (golden orfe)
Measuring method	DIN 38412 / part 15
Exposure duration [h]	96h
Remarks	freshwater
Toxicity to daphnia [mg/l]	>100
Test criterion	EC50

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Test species	Daphnia magna (Big water flea)
Exposure duration [h]	48h
Measuring method	EEC-Directive 92/32/EEC, Annex V, Part C.2
Remarks	freshwater
Toxicity to algae [mg/l]	>100
Test criterion	ErC50:
Test species	Desmodesmus subspicatus.
Exposure duration [h]	72h
Measuring method	OECD 201
Remarks	freshwater

Persistence and degradability

Biodegradability	not applicable
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Bioaccumulative potential

Bioaccumulation	This product is an inorganic substance. Due to its very low water solubility and its inert character the substance is not expected to be bioavailable to sediment and terrestrial organisms.
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Mobility in soil

Mobility	
Mobility	not relevant

13. Disposal considerations

Waste treatment methods

Disposal considerations	Send to a hazardous waste incinerator facility under observation of official regulations. Check for possible recycling.
Waste Code	08 01 12 waste paint and varnish other than those mentioned in 08 01 11
Uncleaned empty packaging	Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of.

14. Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.1 UN-No	Not applicable.	Not applicable.	Not applicable.
14.2 Description of the goods	Kein Gefahrgut nach ADR	Kein Gefahrgut nach IMDG	Kein Gefahrgut nach IATA
14.3 Transport hazard class(es)	Not applicable.	Not applicable.	Not applicable.
14.4 Packaging group	Not applicable.	Not applicable.	Not applicable.
14.5 Environmental hazards	Not applicable.	Not applicable.	Not applicable.
UN proper shipping name	Kein Gefahrgut nach ADR	Non dangerous good	Non dangerous good

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Special precautions for user

Precautions No special measures are necessary.

Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL and the IBC Code not applicable

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Additional regulations	No information available.
Water Hazard Class (Ger.)	non-hazardous to water (nwg)
References to substance in ordinances, regulations and information sheets	REACH ANNEX XVII - RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES Entry 27, 75

Chemical safety assessment

Safety assessment	For this substance a chemical safety assessment has been carried out. Nevertheless no Exposure scenarios have been derived, since the substance is not classified as hazardous.
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16. Other information

Modifications since last version	Modifications of the previous version are denoted with an asterisk (*).
Abbreviations and acronyms	ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) PP: Severe Marine Pollutant P: Marine Pollutant GHS: Globally Harmonized System of Classification and Labelling of Chemicals VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association) EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany) VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria) VOC: Volatile Organic Compounds (USA, EU) ISO: International Organization for Standardization DNEL: Derived No-Effect Level (REACH)

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PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.