

Safety Data Sheet

Yellow Lake Deep 202



Product Name: Yellow Lake Deep 202

Revision Date: 15.12.2019

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

Product identifier

Commercial Product Name **Yellow Lake Deep - 202**
EINECS name 5,5'-(1H-isoindole-1,3(2H)-diylidene)dibarbituric acid
CAS no. 36888-99-0
EC-No. 253-256-2
* REACH registration number 01-2119965154-36-0008

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

Relevant identified uses Pigment

Details of the supplier of the product safety information

Company designation
Telephone:
Email:
Responsible Department

Emergency telephone number

Emergency telephone number

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

Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] The product does not have to be labelled according to Regulation (EC) No. 1272/2008 [CLP].
Further information Voluntary product information following the Safety Data Sheet format. This document has been created to pass on relevant information required under Article 32 REACH.

Other hazards

Hazard precautions Dust can form an explosive mixture with air.
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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4. First aid measures

Description of first aid measures

General advice	Change contaminated, saturated clothing.
If inhaled	In case of accident by inhalation: remove casualty to fresh air and keep at rest. Get medical advice/attention if you feel unwell.
In case of skin contact	Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
In case of eye contact	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
If swallowed	Rinse mouth immediately and drink plenty of water. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Indication of any immediate medical attention and special treatment needed

Immediate medical attention	Treat according to symptoms (decontamination, vital functions), no known specific antidote.
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5. Firefighting measures

Extinguishing media

Suitable extinguishing media	Foam Extinguishing powder
Extinguishing media which must not be used for safety reasons	Full water jet 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	Hazardous decomposition byproducts may form with exposure to high temperatures. Hazardous decomposition products: Carbon monoxide. Carbon dioxide
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Advice for firefighters

Special protective equipment for firefighting	In case of fire: Wear self-contained breathing apparatus.
Additional information on firefighting	The degree of risk is governed by the burning substance and the fire conditions. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid generation of dust. Wear suitable protective clothing.
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Environmental precautions

Environmental precautions	Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
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Do not allow water used to extinguish fire to enter drains, ground or water-ways.
Treat runoff as hazardous.

Methods and material for containment and cleaning up

Methods for cleaning up Avoid generation of dust.
For large amounts: Contain with dust binding material and dispose of. For
small amounts: Pick up with suitable appliance and dispose of.

Reference to other sections

Reference to other sections Observe protective provisions (see chapter 7 and 8).
Disposal: see section 13

7. Handling and storage

Precautions for safe handling

Advice on safe handling During filling, metering and sampling should be used if possible:
Respiratory protection

Precautions Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Storage space and container re- Store in roofed places at room temperature.
quirements Keep/Store only in original container.

German storage class Storage class: 11

Specific end use(s)

Specific use(s) No information available.

8. Exposure controls/personal protection

Control parameters

dust

Great Britain

Long-term exposure value/ mg/m ³	Remarks	Source
10	inhalable	19
4	respirable	19

Source: 19 - EH40/2005 Workplace exposure limits (2011)

Exposure controls

Respiratory protection Suitable respiratory protection for lower concentrations or short-term effect: Particle
filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2
or FFP2)

Hand protection Chemical proof protective gloves (EN 374) e.g. nitrile rubber
(0.4mm), chloroprene rubber (0.5mm), polyvinylchloride (0.7mm), among oth-ers. Due
to a large variety of types the manufacturer's instructions should be followed.

Eye protection Protective glasses with side protection (safety goggles) (e.g. EN 166)

Wear suitable protective clothing.

Skin and body protection Immediately remove any contaminated clothing, shoes or stockings.

General protective and hygiene Wash contaminated clothing before reuse.

measures Wash hands before breaks and after work.

Use protective skin cream before handling the product.

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9. Physical and chemical properties

Information on basic physical and chemical properties

Form	Powder
Colour	yellow
Odour	characteristic
Odour threshold	not determined
pH	
PH:	6 - 9
Melting point [°C] / Freezing point [°C]	not determined
Boiling point [°C]	
Boiling range [°C]	not applicable
Flash point [°C]	not applicable
Evaporation rate [kg/(s*m ²)]	not applicable
Flammability (solid, gas) Explosion limits [Vol-%]	not determined
Vapour pressure [kPa]	not determined
Density [g/cm ³]	not applicable 1,7
Relative density	not determined
Water solubility [g/l]	insoluble not determined
Partition coefficient n-octanol /water (log P O/W)	
Autoinflammability Decomposition temperature [°C]	not determined
Viscosity, dynamic [kg/(m*s)]	not determined
	not determined

Other information

Risk of explosion.	Dust can form an explosive mixture with air. Minimum ignition temperature of a dust cloud in °C: 860 °C (ISO/IEC 80079-20-2) Minimum ignition energy (MIE): 30 mJ < MZE < 100 mJ
Other information	Granulometry: (µm) D10: ca. 0,3 D50: ca. 0,5 D90: ca. 0,8
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.

Possibility of hazardous reactions

Hazardous reactions

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Conditions to avoid

Conditions to avoid

dust formation
Humidity

Incompatible materials

Materials to avoid

No information available.

Hazardous decomposition products

Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological information

Information on toxicological effects

Oral toxicity [mg/kg]	No data available		
Dermal toxicity [mg/kg] Inhalative toxicity [mg/l] Irritant effect on skin	No data available		
Irritant effect on eyes Sensitization	No information available.		
Carcinogenic effects Mutagenicity	No information available.		
Reproduction toxicity	No information available.		
Specific target organ toxicity (repeated exposure) [mg/kg]	No information available.		

Remarks:

No information available.

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.

12. Ecological information

Toxicity

Aquatic toxicity [mg/l] Keine Daten verfügbar No

Persistence and degradability

Biodegradability information available. No

Bioaccumulative potential

Bioaccumulation information available.

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Mobility in soil

Mobility

Mobility: No information available.

Other adverse effects

Further information on ecology Do not allow to enter into surface water or drains.

13. Disposal considerations

Waste treatment methods

Disposal considerations Must be dumped or incinerated in accordance with local 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.
Handle contaminated packages in the same way as the substance itself.

14. Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.2 Description of the goods	Kein Gefahrgut nach ADR		
14.2 UN proper shipping name		Non dangerous good	Non dangerous good

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

Chemical safety assessment

Safety assessment For this substance a chemical safety assessment has not been carried out.

16. Other information

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

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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)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Modifications of the previous version are denoted with an asterisk (*).

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.