

**Hostatint OxYellow A-BV 100**

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Substance key: 000000273667

Revision Date: 03.06.2022

Version : 2 - 7 / EU

Date of printing : 06.03.2023

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Trade name**

**Hostatint OxYellow A-BV 100**

**Material number:** 222426

**Chemical nature:** Inorganic pigment dispersed in organic solvent

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Relevant identified uses of the substance or mixture**

Industry sector : Industrial Performance Chemicals  
Paints, lacquers and varnishes industry  
Polymers industry  
Printing Inks Industry  
Type of use : Colourant preparation

**1.3. Details of the supplier of the safety data sheet**

**Identification of the company**

Heubach Colorants Germany GmbH  
Brüningstraße 50  
65929 Frankfurt am Main  
Telephone no. : +49 69 305 13619

**Information about the substance/mixture**

Product Stewardship  
e-mail: SDS.PI.Europe@clariant.com

**1.4. Emergency telephone number**

00800-5121 5121 (24 h)

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**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

No hazards to be specially mentioned.

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**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Components**

Remarks : No hazardous ingredients

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**SECTION 4: First aid measures**

**4.1 Description of first aid measures**

- General advice : Get medical advice/ attention if you feel unwell.
- If inhaled : Remove to fresh air.
- In case of skin contact : IF ON SKIN: Wash with plenty of soap and water.
- In case of eye contact : Rinse the affected eye with plenty of water, at the same time keep the unaffected eye well protected.
- If swallowed : If swallowed do not induce vomiting, seek medical advice and show safety datasheet or label

**4.2 Most important symptoms and effects, both acute and delayed**

- Symptoms : No symptoms known currently.
- Risks : No hazards known at this time.

**4.3 Indication of any immediate medical attention and special treatment needed**

- Treatment : Treat symptomatically.

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**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

- Suitable extinguishing media : Dry powder  
Carbon dioxide (CO<sub>2</sub>)  
Alcohol-resistant foam  
ABC powder
- Unsuitable extinguishing media : water

**5.2 Special hazards arising from the substance or mixture**

- Specific hazards during : In case of fires, hazardous combustion gases are formed:

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firefighting	Carbon monoxide (CO) Carbon dioxide (CO <sub>2</sub> ) Nitrogen oxides (NO <sub>x</sub> )
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**5.3 Advice for firefighters**

Special protective equipment : Self-contained breathing apparatus  
for firefighters

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**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Wear suitable protective equipment.  
Pay attention to the spreading of gases especially at ground level (heavier than air) and to the direction of the wind.  
Do not let the liquid drain into rivers, ponds or sewer systems.  
Formation of explosive gas/air mixtures.

**6.2 Environmental precautions**

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.

**6.3 Methods and material for containment and cleaning up**

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.  
Treat recovered material as described in the section "Disposal considerations".

**6.4 Reference to other sections**

Information regarding Safe handling, see chapter 7.

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**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Advice on safe handling : When used and handled appropriately no special measures are needed

Advice on protection against fire and explosion : Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Provide sufficient air exchange and/or exhaust in work rooms. Keep away from sources of ignition - No smoking. Store in a closed container.

Hygiene measures : Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Take off immediately all contaminated clothing and wash it before reuse.

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**7.2 Conditions for safe storage, including any incompatibilities**

- Requirements for storage areas and containers : Store in original container. Keep containers tightly closed in a cool, well-ventilated place. Keep tightly closed. Keep away from heat and sources of ignition.
- Further information on storage conditions : Keep containers tightly closed in a cool, well-ventilated place. - sensitive to frost - In case of the product becoming opaque, thickening or being frozen due to the effects of cold, allow to thaw slowly at room temperature. Stir briefly before use. Protect against frost. The product after freezing is no longer useable.
- Advice on common storage : Keep away from oxidizing agents.
- Further information on storage stability : Keep away from heat. Stable under normal conditions.

**7.3 Specific end use(s)**

- Specific use(s) : no data available

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

Substance name	End Use	Exposure routes	Potential health effects	Value
Barium sulphate CAS-No.: 7727-43-7	Workers	Inhalation	Long-term systemic effects	10 mg/m <sup>3</sup>
	Remarks:DNEL			
	Consumers	Inhalation	Long-term systemic effects	10 mg/m <sup>3</sup>
	Remarks:DNEL			
	Consumers	Ingestion	Long-term systemic effects	13000 mg/kg
	Remarks:DNEL			
	Workers	Inhalation	Long-term local effects	10 mg/m <sup>3</sup>
	Remarks:DNEL			
Reaction mass of dimethyl adipate and dimethyl glutarate and dimethyl succinate	Consumers	Inhalation	Long-term local effects	8,3 mg/m <sup>3</sup>
	Remarks:DNEL			
	General population	Inhalation	Long-term local effects	5 mg/m <sup>3</sup>
	Remarks:DNEL			
C.I. Pigment Yellow 184, particle size > 10µm	Workers	Inhalation	Long-term local effects	0,02 mg/m <sup>3</sup>

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CAS-No.: 14059-33-7				
Remarks:DNEL				
Consumers	Inhalation	Long-term local effects	0,005 mg/m3	
Remarks:DNEL				
Consumers	Oral	Long-term systemic effects	0,33 mg/kg bw/day	
Remarks:DNEL				
Workers	Dermal	Long-term systemic effects	0,67 mg/kg bw/day	
Remarks:DNEL				
Consumers	Dermal	Long-term systemic effects	0,33 mg/kg bw/day	
Remarks:DNEL				

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

Substance name	Environmental Compartment	Value
Barium sulphate CAS-No.: 7727-43-7	Fresh water	115 µg/l
	Fresh water sediment	600,4 mg/kg dry weight (d.w.)
	Soil	207,7 mg/kg dry weight (d.w.)
	Sewage treatment plant	62,2 mg/l
Reaction mass of dimethyl adipate and dimethyl glutarate and dimethyl succinate	Fresh water	0,018 mg/l
	Marine water	0,002 mg/l
	Water (intermittent release)	0,18 mg/l
	Sewage treatment plant	10 mg/l
	Fresh water sediment	0,16 mg/kg dry weight (d.w.)
	Marine sediment	0,016 mg/kg dry weight (d.w.)
	Soil	0,09 mg/kg dry weight (d.w.)
C.I. Pigment Yellow 184, particle size > 10µm CAS-No.: 14059-33-7	Sewage treatment plant	10000 mg/l

**8.2 Exposure controls**

**Personal protective equipment**

Eye protection : Safety glasses

Hand protection

Remarks : Nitrile rubber gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin and body protection : working clothes

Respiratory protection : Use the indicated respiratory protection if the occupational

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exposure limit is exceeded and/or in case of product release (dust).  
Wear a respirator conforming to EN140 with Type A/P2 filter or better.

Protective measures : Wear suitable protective equipment.

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**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Physical state : Liquid

Colour : yellow

Odour : mild, fruity

Odour Threshold : 0,1 ppm

Melting point : -20 °C  
Information refers to the main component.

Boiling point : 196 - 225 °C

Flammability : not determined

Upper explosion limit / upper flammability limit : < 8 %(V)  
Solvent

Lower explosion limit / Lower flammability limit : > 0,9 %(V)  
Solvent

Flash point : 103 °C  
Method: closed cup

Auto-ignition temperature : 370 °C  
Information refers to the main component.

Decomposition temperature : No decomposition if used as directed.

pH : Not applicable

Viscosity

    Viscosity, dynamic : not determined

    Viscosity, kinematic : 1530 mm<sup>2</sup>/s (23 °C)

Solubility(ies)

    Water solubility : 53 g/l

    Solubility in other solvents : not determined

Partition coefficient: n- : Not applicable

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octanol/water

Vapour pressure : 0,08 hPa (20 °C)

Relative density : no data available

Density : approx. 2,25 g/cm<sup>3</sup> (20 °C)

Bulk density : Not applicable

Relative vapour density : not determined

Particle characteristics

Particle size : Not applicable

**9.2 Other information**

Explosives : no data available

Oxidizing properties : no data available

Flammable solids

Burning number : Not applicable

Self-ignition : 370 °C

Metal corrosion rate : no data available

Evaporation rate : < 0,1  
Solvent

Minimum ignition energy : not determined

Molecular weight : no data available

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**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

Stable

**10.3 Possibility of hazardous reactions**

Hazardous reactions : Ignition of vapors may lead to explosion  
Formation of explosive gas/air mixtures. Stable

**10.4 Conditions to avoid**

Conditions to avoid : Keep away from heat.  
Keep away from flames and sparks.

**10.5 Incompatible materials**

Materials to avoid : Strong acids and oxidizing agents

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**10.6 Hazardous decomposition products**

No decomposition if used as directed.

No decomposition if stored normally.

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**SECTION 11: Toxicological information**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity**

**Product:**

Acute oral toxicity : Remarks: no data available

Acute inhalation toxicity : Remarks: no data available

Acute dermal toxicity : Remarks: no data available

**Skin corrosion/irritation**

**Product:**

Remarks : no data available

**Serious eye damage/eye irritation**

**Product:**

Remarks : no data available

**Respiratory or skin sensitisation**

**Product:**

Remarks : no data available

**Germ cell mutagenicity**

**Product:**

Germ cell mutagenicity-  
Assessment : No information available.

**Carcinogenicity**

**Product:**

Carcinogenicity -  
Assessment : No information available.

**Reproductive toxicity**

**Product:**

Reproductive toxicity -  
Assessment : No information available.

No information available.



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**STOT - single exposure**

**Product:**

Remarks : no data available

**STOT - repeated exposure**

**Product:**

Exposure routes : inhalation (dust/mist/fume)  
Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

**Repeated dose toxicity**

**Product:**

Application Route : Inhalation  
Remarks : The classification of the liquid mixture with STOT RE Cat.2, H373 is not necessary because the release of respirable particles from the product does not occur.

**Aspiration toxicity**

**Product:**

no data available

**11.2 Information on other hazards**

**Endocrine disrupting properties**

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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**SECTION 12: Ecological information**

**12.1 Toxicity**

**Product:**

Toxicity to fish : Remarks: no data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: no data available

Toxicity to algae/aquatic plants : Remarks: no data available

Toxicity to microorganisms : Remarks: no data available

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Sediment toxicity : Remarks: no data available

**12.2 Persistence and degradability**

**Product:**

Biodegradability : Remarks: Not applicable

Biochemical Oxygen Demand (BOD) : Remarks: no data available

Chemical Oxygen Demand (COD) : Remarks: no data available

Dissolved organic carbon (DOC) : Remarks: no data available

Physico-chemical removability : Remarks: no data available

Photodegradation : Remarks: no data available

**12.3 Bioaccumulative potential**

**Product:**

Bioaccumulation : Remarks: Not applicable

**12.4 Mobility in soil**

**Product:**

Distribution among environmental compartments : Remarks: no data available

**12.5 Results of PBT and vPvB assessment**

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Endocrine disrupting properties**

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**12.7 Other adverse effects**

**Product:**

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Environmental fate and pathways : no data available

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

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**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Product : Product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary after consultation with the waste disposal operator and/or the competent Authorities

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.  
In accordance with local and national regulations.

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**SECTION 14: Transport information**

**Section 14.1. to 14.5.**

**ADR** not restricted  
**ADN** not restricted  
**RID** not restricted  
**IATA** not restricted  
**IMDG** not restricted

**14.6. Special precautions for user**

See sections 6 to 8 of this Safety Data Sheet.

**14.7. Maritime transport in bulk according to IMO instruments**

No transport as bulk according IBC - Code.

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**SECTION 15: Regulatory information**

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic : Not applicable

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pollutants (recast)

Council Regulation (EC) No 111/2005 laying down rules : Neither banned nor restricted  
for the monitoring of trade between the Community and  
third countries in drug precursors

Regulation (EC) No 649/2012 of the European : Not applicable  
Parliament and the Council concerning the export and  
import of dangerous chemicals

REACH - List of substances subject to authorisation : Not applicable  
(Annex XIV)

Volatile organic compounds : Directive 2004/42/EC  
Volatile organic compounds (VOC) content: 20 %  
VOC content > 3%

**Other regulations:**

Apart from the data/regulations specified in this chapter, no further information is available  
concerning safety, health and environmental protection.

**15.2 Chemical safety assessment**

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component  
substances, contained in this product.

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**SECTION 16: Other information**

**Full text of other abbreviations**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic

**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006



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Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

Other information : Observe national and local legal requirements

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Heubach makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Heubach's products for its particular application. Nothing included in this information waives any of Heubach's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Heubach products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Heubach.

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