

Hostasin Orange G 30

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Substance key: 000000030358

Revision Date: 03.06.2022

Version : 6 - 1 / 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

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Material number: 157729

Chemical nature:

C.I. Pigment Orange 13 dispersed in polyolefin copolymer

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

Relevant identified uses of the substance or mixture

Industry sector : Rubber industry

Type of use : Pigment 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)

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.

Additional Labelling

EUH210 Safety data sheet available on request.

EUH208 Contains Rosin. May produce an allergic reaction.

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.

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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.

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.

Product must be classified as a self-heating substance category 2 (H252), if it is handled in containers > 450 L.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Rosin	8050-09-7 232-475-7 650-015-00-7	Skin Sens. 1; H317	>= 0,1 - < 1
Substances with a workplace exposure limit :			
Kaolin	1332-58-7 310-194-1		>= 1 - < 10
Talc (no asbestos)	14807-96-6 238-877-9		>= 1 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Get medical advice/ attention if you feel unwell.
- If inhaled : Move the victim to fresh air.
If you feel unwell, seek medical advice (show the label where possible).
- In case of skin contact : IF ON SKIN: Wash with plenty of soap and water.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 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 special measures necessary.

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4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Water spray jet
Foam

Unsuitable extinguishing media : High volume water jet
Carbon dioxide (CO₂)
Dry powder

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : In case of fires, hazardous combustion gases are formed:
Carbon monoxide (CO)
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)
Hydrogen chloride

5.3 Advice for firefighters

Special protective equipment for firefighters : Self-contained breathing apparatus

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Wear suitable protective equipment.
Keep away sources of ignition, stop running engines, no smoking.
Moisten spilled material with water, cover with wet sand or wetted binder, then take up.

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 : Avoid dust formation.
Take measures to prevent the build up of electrostatic charge.
Use mechanical handling equipment.
Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections

For disposal considerations see section 13.

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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
Avoid dust formation.

Advice on protection against fire and explosion : Take precautionary measures against static discharges. Keep away from heat and sources of ignition. Dust can form an explosive mixture in air.

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.

Dust explosion class : St1

7.2 Conditions for safe storage, including any incompatibilities

Further information on storage conditions : Keep container dry.

Keep only in the original container at temperature not exceeding 50 °C

7.3 Specific end use(s)

Specific use(s) : No further recommendations.

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
Rosin CAS-No.: 8050-09-7	Workers	Inhalation	Long-term local effects	10 mg/m ³
	Remarks:DNEL			
	Workers	Dermal	Long-term systemic effects	2,131 mg/kg bw/day
	Remarks:DNEL			
	Consumers	Dermal	Long-term systemic effects	1,065 mg/kg bw/day
	Remarks:DNEL			
	Consumers	Oral	Long-term systemic effects	1,065 mg/kg bw/day
	Remarks:DNEL			

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

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Substance name	Environmental Compartment	Value
Rosin CAS-No.: 8050-09-7	Fresh water	0,002 mg/l
	Intermittent use/release	0,016 mg/l
	Marine water	0 mg/l
	Sewage treatment plant	1000 mg/l
	Fresh water sediment	0,007 mg/kg dry weight (d.w.)
	Marine sediment	0,001 mg/kg dry weight (d.w.)
	Soil	0 mg/kg dry weight (d.w.)

8.2 Exposure controls

Engineering measures

Handle only in a place equipped with local exhaust (or other appropriate exhaust).

Personal protective equipment

Eye protection : Safety glasses

Hand protection

Remarks : Nitrile rubber gloves. Minimum breakthrough time (glove): not determined Minimum thickness (glove): not determined 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 : Wear suitable protective equipment.

Respiratory protection : Respirator must be worn if exposed to dust.

Protective measures : Wear suitable protective equipment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : Fine granules

Colour : orange

Odour : not specified

Odour Threshold : not required

Melting point : not determined

Boiling point : Not applicable

Flammability : Not classified as a flammability hazard

Upper explosion limit / upper flammability limit : Not applicable

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Lower explosion limit / Lower flammability limit	:	Not applicable
Flash point	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	>= 300 °C Heating rate: 3 K/min Decomposition energy (mass): 180 kJ/kg Method: DTA Exothermic reaction
		The substance or mixture is not classified self-reactive.
pH	:	Not applicable
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable
Solubility(ies)		
Water solubility	:	(20 °C) insoluble
Partition coefficient: n-octanol/water	:	not determined
Vapour pressure	:	Not applicable
Relative density	:	no data available
Density	:	not determined
Bulk density	:	approx. 611 kg/m ³ (20 °C)
Relative vapour density	:	Not applicable
Particle characteristics		
Particle size	:	not determined

9.2 Other information

Explosives	:	Not explosive Not explosive Method: Expert judgement
Oxidizing properties	:	The substance or mixture is not classified as oxidizing. Method: Expert judgement
Flammable solids		

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Burning number	:	3 Method: VDI 2263, ESCIS, Vol. 1 Local combustion without spreading
Self-ignition	:	>= 250 °C Method: VDI 2263 (Grewer)
Self-heating substances	:	< 450 cm ³ The substance or mixture is not classified as self heating.
Metal corrosion rate	:	Not applicable
Impact sensitivity	:	Not impact sensitive.
Dust explosion class	:	St1
Evaporation rate	:	Not applicable
Minimum ignition energy	:	not determined
Molecular weight	:	no data available

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 : None known.Stable

10.4 Conditions to avoid

Conditions to avoid : None known.

10.5 Incompatible materials

Materials to avoid : None.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

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

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Acute inhalation toxicity : Remarks: no data available

Acute dermal toxicity : Remarks: no data available

Components:

Rosin:

Acute oral toxicity : LD50 (Rat, female): > 2.000 mg/kg
Method: OECD Test Guideline 423
GLP: yes
Assessment: The substance or mixture has no acute oral toxicity
Remarks: No significant adverse effects were reported

Acute inhalation toxicity : Remarks: no data available

Acute dermal toxicity : LD50 (Rat, male and female): > 2.000 mg/kg
Method: OECD Test Guideline 402
GLP: yes
Assessment: The substance or mixture has no acute dermal toxicity

Kaolin:

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg

Talc (no asbestos):

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 2.000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

Skin corrosion/irritation

Product:

Remarks : no data available

Components:

Rosin:

Species : Rabbit
Exposure time : 4 h
Method : OECD Test Guideline 404
Result : No skin irritation
GLP : yes

Kaolin:

Result : No skin irritation

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Serious eye damage/eye irritation

Product:

Remarks : no data available

Components:

Rosin:

Species : Rabbit
Method : OECD Test Guideline 405
Result : No eye irritation
GLP : yes

Kaolin:

Result : Product dust may be irritating to eyes, skin and respiratory system.

Talc (no asbestos):

Species : rabbit eye
Method : FDA guideline
Result : No eye irritation
GLP : no

Respiratory or skin sensitisation

Product:

Remarks : no data available

Components:

Rosin:

Test Type : Local lymph node assay (LLNA)
Exposure routes : Dermal
Species : Mouse
Method : OECD Test Guideline 429
Result : May cause sensitisation by skin contact.
GLP : yes

Remarks : By analogy with a product of similar composition

Talc (no asbestos):

Result : Does not cause skin sensitisation.

Result : Does not cause respiratory sensitisation.

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Remarks: no data available

Germ cell mutagenicity- : No information available.

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Assessment

Components:

Rosin:

- Genotoxicity in vitro : Test Type: Ames test
Test system: Salmonella typhimurium
Concentration: 62 - 5000 µg/plate
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative
GLP: yes
- Test Type: In vitro gene mutation study in mammalian cells
Test system: mouse lymphoma cells
Concentration: 2,5 - 55 µg/ml
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 476
Result: negative
GLP: yes
- Test Type: Chromosome aberration test in vitro
Test system: Human lymphocytes
Concentration: 1,9 - 3500 µg/ml
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 473
Result: negative
GLP: yes

Germ cell mutagenicity-
Assessment : It is concluded that the product is not mutagenic based on
evaluation of several mutagenicity tests.

Talc (no asbestos):

Germ cell mutagenicity-
Assessment : It is concluded that the product is not mutagenic based on
evaluation of several mutagenicity tests.

Carcinogenicity

Product:

Carcinogenicity -
Assessment : No information available.

Components:

Rosin:

Carcinogenicity -
Assessment : Not classifiable as a human carcinogen.

Talc (no asbestos):

Carcinogenicity -
Assessment : Not classifiable as a human carcinogen.

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Reproductive toxicity

Product:

Reproductive toxicity - Assessment : No information available.

Components:

Rosin:

Effects on fertility : Test Type: One generation study
Species: Rat, male and female
Strain: Sprague-Dawley
Application Route: oral (feed)
Dose: 1000 - 3000 - 10000 ppm
Duration of Single Treatment: 30 - 45 d
General Toxicity - Parent: NOAEL: 248 - 309 mg/kg body weight
General Toxicity F1: NOAEL: 248 - 309 mg/kg body weight
Early Embryonic Development: NOAEL: 288 mg/kg body weight
Method: OECD Test Guideline 421
GLP: yes

Effects on foetal development : Test Type: Pre-natal
Species: Rat, female
Strain: Sprague-Dawley
Application Route: oral (feed)
Dose: 0, 2500, 5000, 7500 ppm
Duration of Single Treatment: 16 d
General Toxicity Maternal: NOAEL: 199,3 mg/kg body weight
Embryo-foetal toxicity: NOAEL: 387,2 mg/kg body weight
Method: OECD Test Guideline 414
GLP: yes

Reproductive toxicity - Assessment : No reproductive toxicity to be expected.
No teratogenic effects to be expected.

Talc (no asbestos):

Reproductive toxicity - Assessment : No reproductive toxicity to be expected.
No teratogenic effects to be expected.

STOT - single exposure

Product:

Remarks : no data available

Components:

Rosin:

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

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Talc (no asbestos):

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure

Product:

Remarks : no data available

Components:

Rosin:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Talc (no asbestos):

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Repeated dose toxicity

Product:

Remarks : This information is not available.

Components:

Rosin:

Species : Rat, male and female
NOAEL : 335,2 - 401,2 mg/kg bw/day
Application Route : oral (feed)
Exposure time : 90 d
Number of exposures : daily
Dose : 0, 2500, 5000, 7500 ppm
Control Group : yes
Method : OECD Test Guideline 408
GLP : yes
Remarks : By analogy with a product of similar composition
No significant adverse effects were reported

Talc (no asbestos):

Species : Rat, male and female
NOAEL : 0,1 mg/l
Application Route : Inhalation
Exposure time : 5 d
Number of exposures : 6 h/day for 5 days
Dose : 100 mg/m³
Control Group : yes
Method : Other

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Aspiration toxicity

Product:

no data available

Components:

Rosin:

No aspiration toxicity classification

Talc (no asbestos):

No aspiration toxicity classification

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.

Experience with human exposure

Components:

Talc (no asbestos):

General Information : Risk of infection of the lung after prolonged inhalation of dust particles.

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 fish (Chronic toxicity) : Remarks: no data available

Toxicity to microorganisms : Remarks: no data available

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Components:

Rosin:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 1,7 mg/l
End point: mortality
Exposure time: 96 h
Test Type: static test
Analytical monitoring: no
Method: OECD Test Guideline 203
GLP: yes
Remarks: By analogy with a product of similar composition

LL50 (Danio rerio (zebra fish)): 10 mg/l
End point: mortality
Exposure time: 96 h
Test Type: semi-static test
Analytical monitoring: no
Method: OECD Test Guideline 203
GLP: yes
Remarks: By analogy with a product of similar composition

Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): > 100 mg/l
End point: Immobilization
Exposure time: 48 h
Test Type: static test
Analytical monitoring: yes
Method: OECD Test Guideline 202
GLP: yes
Remarks: By analogy with a product of similar composition

Toxicity to algae/aquatic plants : ErC50 (Pseudokirchneriella subcapitata (microalgae)): 39,6 mg/l
End point: Growth rate
Exposure time: 72 h
Test Type: static test
Analytical monitoring: no
Method: OECD Test Guideline 201
GLP: yes
Remarks: By analogy with a product of similar composition

NOEC (Pseudokirchneriella subcapitata (green algae)): 6,25 mg/l
End point: Growth rate
Exposure time: 72 h
Test Type: static test
Analytical monitoring: no
Method: OECD Test Guideline 201
GLP: yes
Remarks: By analogy with a product of similar composition

Toxicity to microorganisms : EC50 (activated sludge of a predominantly domestic sewage): > 10.000 mg/l
End point: Bacteria toxicity (respiration inhibition)
Exposure time: 3 h

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Test Type: aquatic
Analytical monitoring: no
Method: OECD Test Guideline 209
GLP: yes
Remarks: The details of the toxic effect relate to the nominal concentration.

Toxicity to fish (Chronic toxicity) : Remarks: not required

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: not required

Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

Kaolin:

Toxicity to fish : Remarks: no data available

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

Toxicity to microorganisms : Remarks: no data available

Sediment toxicity : Remarks: Not applicable

Talc (no asbestos):

Toxicity to fish : (Brachydanio rerio (zebrafish)): > 100.000 mg/l
Exposure time: 96 h

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: no data available

Components:

Rosin:

Biodegradability : Test Type: aerobic
Inoculum: activated sludge
Concentration: 2 mg/l
Result: Readily biodegradable.
Biodegradation: 71 %
Related to: Biochemical Oxygen Demand (BOD)
Exposure time: 28 d
Method: OECD Test Guideline 301D
GLP: yes

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Kaolin:

Biodegradability : Remarks: The methods for determining biodegradability are not applicable to inorganic substances.

Talc (no asbestos):

Biodegradability : Remarks: Not applicable

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: no data available

Components:

Rosin:

Bioaccumulation : Species: Other
Exposure time: 28 d
Bioconcentration factor (BCF): 110 - 180
Method: Other
GLP: no

Kaolin:

Bioaccumulation : Remarks: Not applicable

Talc (no asbestos):

Bioaccumulation : Remarks: Not applicable

12.4 Mobility in soil

Components:

Rosin:

Distribution among environmental compartments : Adsorption/Soil
Medium: water - soil
log Koc: 0,876 - 5,37
Method: estimated

Kaolin:

Distribution among environmental compartments : Remarks: Not applicable

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.

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Components:

Rosin:

Assessment : The substance is not identified as a PBT or as a vPvB substance.

Kaolin:

Assessment : Remarks: Not applicable

Talc (no asbestos):

Assessment : The substance is not identified as a PBT or as a vPvB substance.

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:

Environmental fate and pathways : no data available

Additional ecological information : no data available

Components:

Rosin:

Environmental fate and pathways : not available

Additional ecological information : Do not allow to enter ground water, waterways or waste water.

Kaolin:

Additional ecological information : no data available

Talc (no asbestos):

Environmental fate and pathways : no data available

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Product : Dispose of in accordance with the European Directives on waste and hazardous waste.
- Contaminated packaging : This material and its container must be disposed of in a safe way.

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.

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 pollutants (recast) : Not applicable
- Council Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors : Neither banned nor restricted
- Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

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

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.

SECTION 16: Other information

Full text of H-Statements

H317 : May cause an allergic skin reaction.

Full text of other abbreviations

Skin Sens. : Skin sensitisation

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 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; TECI - 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

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



Hostasin Orange G 30

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Further information

Other information : This product contains a diarylide pigment. This product should not be used in polymers if the processing temperature exceeds 200 °C because of possible thermal decomposition, which can form e.g. traces of aromatic amines. 3,3'-Dichlorobenzidine may be formed at temperatures above 200 °C.

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