

Hostatint Bluing Paste

Page 1(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / 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 Bluing Paste

Material number: 103479

Chemical nature: C.I. PIGMENT RED 122 ; C.I. PIGMENT BLUE 60 .

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

Relevant identified uses of the substance or mixture

Industry sector : Paints, lacquers and varnishes 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)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin sensitisation, Category 1

H317: May cause an allergic skin reaction.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.

Precautionary statements : **Prevention:**
P261 Avoid breathing mist or vapours.
P272 Contaminated work clothing should not be allowed out of the workplace.

Hostatint Bluing Paste

Page 2(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

P280 Wear protective gloves.

Response:

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

2-Methylisothiazolin-3-one

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.

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Alcohols, C12-14 ethoxylated, sulfates, sodium salts	68891-38-3	Skin Irrit. 2; H315 Eye Dam. 1; H318	>= 3 - < 10
Alcohols, C16-18 and C18-unsaturated, ethoxylated	68920-66-1	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 3; H412 M-Factor (Acute aquatic toxicity): 1	>= 1 - < 2,5
2-Methylisothiazolin-3-one	2682-20-4 220-239-6 613-326-00-9 01-2120764690-50	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 3; H311 Skin Corr. 1B; H314	>= 0,0015 - < 0,0025

Hostatint Bluing Paste

Page 3(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

		Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071	
		M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 1	
		specific concentration limit Skin Sens. 1A; H317 >= 0,0015 %	

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 : Remove from danger zone. Obtain medical advice.
- In case of skin contact : Wash off immediately with plenty of water.
Consult a physician.
- In case of eye contact : Rinse immediately with plenty of water and seek medical
advice.
- If swallowed : If swallowed, call a poison control centre or doctor
immediately.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No additional symptoms are known.
- Risks : No additional hazards are known except those derived from
the labelling.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically.

Hostatint Bluing Paste

Page 4(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : all

Unsuitable extinguishing media : No restrictions

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Carbon oxides

Nitrogen oxides (NOx)

5.3 Advice for firefighters

Special protective equipment for firefighters : Self-contained breathing apparatus

Further information : Prevent further leakage or spillage.
Cool container and metallic parts with a water spray jet

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Wear suitable protective equipment.
Do not let the liquid drain into rivers, ponds or sewer systems.

6.2 Environmental precautions

Environmental precautions : Do not empty into drains.

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).

6.4 Reference to other sections

Information regarding Safe handling, see chapter 7.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Keep container tightly closed.

Keep container in a well-ventilated place.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hostatint Bluing Paste

Page 5(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

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.

7.2 Conditions for safe storage, including any incompatibilities

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.

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
5,12-dihydro-2,9-dimethylquino[2,3-b]acridine-7,14-dione CAS-No.: 980-26-7	Workers	Dermal	Long-term systemic effects	42 mg/kg bw/day
	Remarks:DNEL			
	Workers	Inhalation	Long-term systemic effects	147 mg/m3
	Remarks:DNEL			
	Workers	Inhalation	Long-term local effects	3 mg/m3
	Remarks:DNEL			
	General population	Dermal	Long-term systemic effects	25 mg/kg bw/day
	Remarks:DNEL			
	General population	Oral	Long-term systemic effects	25 mg/kg bw/day
	Remarks:DNEL			
Propylene Glycol CAS-No.: 57-55-6	Workers	Inhalation	Long-term systemic effects	168 mg/m3
	Remarks:DNEL			
	Workers	Inhalation	Long-term local effects	10 mg/m3
	Remarks:DNEL			
	Consumers	Inhalation	Long-term systemic effects	50 mg/m3
	Remarks:DNEL			
Consumers	Inhalation	Long-term local effects	10 mg/m3	

Hostatint Bluing Paste

Page 6(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

	Remarks:DNEL			
2-Methylisothiazolin-3-one CAS-No.: 2682-20-4	Workers	Inhalation	Long-term local effects	0,021 mg/m3
	Remarks:DNEL			
	Workers	Inhalation	Acute local effects	0,043 mg/m3
	Remarks:DNEL			
	Consumers	Inhalation	Long-term local effects	0,021 mg/m3
	Remarks:DNEL			
	Consumers	Oral	Long-term systemic effects	0,027 mg/kg bw/day
	Remarks:DNEL			
	Consumers	Oral	Acute systemic effects	0,053 mg/kg bw/day
	Remarks:DNEL			

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

Substance name	Environmental Compartment	Value
Propylene Glycol CAS-No.: 57-55-6	Fresh water	260 mg/l
	Marine water	26 mg/l
	Intermittent use/release	183 mg/l
	Sewage treatment plant	20000 mg/l
	Fresh water sediment	572 mg/kg dry weight (d.w.)
	Marine sediment	57,2 mg/kg dry weight (d.w.)
	Soil	50 mg/kg dry weight (d.w.)
2-Methylisothiazolin-3-one CAS-No.: 2682-20-4	Fresh water	0,0039 mg/l
	Marine water	0,0039 mg/l
	Sewage treatment plant	0,23 mg/l
	Soil	0,047 mg/kg dry weight (d.w.)
	Intermittent use/release	0,0039 mg/l

8.2 Exposure controls

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 clothing.

Respiratory protection : Use respiratory protection in case of insufficient exhaust ventilation or prolonged exposure

Hostatint Bluing Paste

Page 7(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

Filter A (organic gases and vapours) to standard DIN EN 141

Protective measures : Wear suitable protective equipment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	paste
Colour	:	violet
Odour	:	not specified
Odour Threshold	:	not required
Melting point	:	Not applicable
Boiling point	:	approx. 100 °C (1.013 hPa)
Upper explosion limit / upper flammability limit	:	not tested.
Lower explosion limit / Lower flammability limit	:	not tested.
Flash point	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	The product does not contain any chemical groups which suggest self-reactive properties, nor is the estimated SADT less than 75 °C, nor is the exothermic decomposition energy higher than 300 J/g.
pH	:	8,4 (20 °C) Concentration: 100 % Determined in the undiluted form
Viscosity		
Viscosity, dynamic	:	not tested.
Viscosity, kinematic	:	no data available
Solubility(ies)		
Water solubility	:	(20 °C) miscible
Solubility in other solvents	:	Solvent: fat not tested.
Partition coefficient: n-octanol/water	:	no data available

Hostatint Bluing Paste

Page 8(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

Vapour pressure	:	not tested.
Relative density	:	no data available
Density	:	1,23 g/cm ³ (20 °C)
Bulk density	:	no data available
Relative vapour density	:	not tested.
Particle characteristics		
Particle size	:	no data available

9.2 Other information

Explosives	:	no data available
Oxidizing properties	:	no data available
Flammable solids		
Burning number	:	Not applicable
Self-ignition	:	no data available
Self-heating substances	:	no data available
Metal corrosion rate	:	no data available
Evaporation rate	:	not tested.
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 : No dangerous reaction known under conditions of normal use. Stable

10.4 Conditions to avoid

Conditions to avoid : None known.

10.5 Incompatible materials

Materials to avoid : no data available

Hostatint Bluing Paste

Page 9(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

10.6 Hazardous decomposition products

When used and handled as intended, none.

SECTION 11: Toxicological information

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

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Remarks: no data available

Acute dermal toxicity : Remarks: no data available

Components:

Alcohols, C16-18 and C18-unsaturated, ethoxylated:

Acute oral toxicity : Assessment: The component/mixture is moderately toxic after single ingestion.

2-Methylisothiazolin-3-one:

Acute oral toxicity : LD50 (Rat): 285,5 mg/kg
Method: OECD Test Guideline 401

Acute toxicity estimate: Method: Calculation method

Acute inhalation toxicity : LC50 (Rat): 0,11 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403

Assessment: Corrosive to the respiratory tract.

Acute toxicity estimate: Test atmosphere: dust/mist
Method: Calculation method

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg
Assessment: The component/mixture is toxic after single contact with skin.

Skin corrosion/irritation

Product:

Species : reconstructed human epidermis (RhE)
Method : OECD Test Guideline 439
Result : No skin irritation
GLP : yes

Hostatint Bluing Paste

Page 10(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

Components:

Alcohols, C12-14 ethoxylated, sulfates, sodium salts:

Result : Skin irritation

Alcohols, C16-18 and C18-unsaturated, ethoxylated:

Result : Irritating to skin.

2-Methylisothiazolin-3-one:

Species : Rabbit
Method : OECD Test Guideline 404
Result : Causes burns.

Serious eye damage/eye irritation

Product:

Species : cattle
Method : OECD Test Guideline 437
Result : No eye irritation
GLP : yes

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

Components:

Alcohols, C12-14 ethoxylated, sulfates, sodium salts:

Result : Risk of serious damage to eyes.

Alcohols, C16-18 and C18-unsaturated, ethoxylated:

Result : Risk of serious damage to eyes.

2-Methylisothiazolin-3-one:

Result : Risk of serious damage to eyes.
Remarks : By analogy with a product of similar composition

Respiratory or skin sensitisation

Product:

Remarks : no data available

Components:

Alcohols, C16-18 and C18-unsaturated, ethoxylated:

Assessment : Causes skin irritation.

2-Methylisothiazolin-3-one:

Hostatint Bluing Paste

Page 11(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

Test Type : Buehler Test
Exposure routes : Dermal
Species : Guinea pig
Method : OECD Test Guideline 406
Result : The product is a skin sensitiser, sub-category 1A.

Assessment : Toxic if swallowed., Fatal if inhaled., Causes severe skin burns and eye damage.
May cause an allergic skin reaction.

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Remarks: no data available

Germ cell mutagenicity-
Assessment : No information available.

Components:

2-Methylisothiazolin-3-one:

Genotoxicity in vitro : Test Type: Ames test
Metabolic activation: with and without metabolic activation
Result: negative

Test Type: Chromosome aberration test in vitro
Test system: mammalian cells
Metabolic activation: with and without metabolic activation
Result: negative

Test Type: Micronucleus test
Test system: mammalian cells
Metabolic activation: with and without metabolic activation
Result: negative

Germ cell mutagenicity-
Assessment : In vitro tests did not show mutagenic effects, In vivo tests did not show mutagenic effects

Carcinogenicity

Product:

Carcinogenicity -
Assessment : No information available.

Components:

2-Methylisothiazolin-3-one:

Carcinogenicity -
Assessment : Not classifiable as a human carcinogen.

Reproductive toxicity

Product:

Hostatint Bluing Paste

Page 12(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

Reproductive toxicity -
Assessment : No information available.

Components:

2-Methylisothiazolin-3-one:

Effects on fertility : Remarks: This information is not available.

Effects on foetal
development : Remarks: Based on available data, the classification criteria
are not met.

Reproductive toxicity -
Assessment : No evidence of adverse effects on sexual function and fertility,
or on development, based on animal experiments.

STOT - single exposure

Product:

Remarks : no data available

Components:

2-Methylisothiazolin-3-one:

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

STOT - repeated exposure

Product:

Remarks : no data available

Components:

2-Methylisothiazolin-3-one:

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:

Alcohols, C16-18 and C18-unsaturated, ethoxylated:

2-Methylisothiazolin-3-one:

Species : Rat

NOAEL : 25 mg/kg

Application Route : Oral

Exposure time : 90 d

Remarks : By analogy with a product of similar composition

Hostatint Bluing Paste

Page 13(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

Aspiration toxicity

Product:

no data available

Components:

2-Methylisothiazolin-3-one:

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.

Further information

Product:

Remarks : no data available

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

Components:

Alcohols, C12-14 ethoxylated, sulfates, sodium salts:

Ecotoxicology Assessment

Acute aquatic toxicity : Toxic to aquatic life.

Alcohols, C16-18 and C18-unsaturated, ethoxylated:

Hostatint Bluing Paste

Page 14(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

M-Factor (Acute aquatic toxicity) : 1

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

2-Methylisothiazolin-3-one:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 4,77 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,934 mg/l
End point: mortality
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : NOEC (Pseudokirchneriella subcapitata (green algae)):
0,0104 mg/l
End point: Biomass
Exposure time: 96 h
Method: OECD Test Guideline 201

EC50 (Pseudokirchneriella subcapitata (algae)): 0,063 mg/l
End point: Biomass
Exposure time: 96 h
Method: OECD Test Guideline 201

M-Factor (Acute aquatic toxicity) : 10

Toxicity to microorganisms : EC50 (Bacteria): 31,7 mg/l
Exposure time: 3 h

Toxicity to fish (Chronic toxicity) : Remarks: no data available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: no data available

M-Factor (Chronic aquatic toxicity) : 1

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Hostatint Bluing Paste

Page 15(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: no data available

Components:

2-Methylisothiazolin-3-one:

Biodegradability : Test Type: aerobic
Result: Not rapidly biodegradable

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: no data available

Components:

2-Methylisothiazolin-3-one:

Bioaccumulation : Remarks: Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

12.4 Mobility in soil

Components:

2-Methylisothiazolin-3-one:

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.

Components:

2-Methylisothiazolin-3-one:

Assessment : Remarks: no data available

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.

Hostatint Bluing Paste

Page 16(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

12.7 Other adverse effects

Product:

Environmental fate and pathways : no data available

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

Components:

2-Methylisothiazolin-3-one:

Environmental fate and pathways : no data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Incineration in an approved, controlled furnace. Observe: fire hazard data, physical and corrosion data.

Contaminated packaging : Dispose of in accordance with local regulations.

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)	: Conditions of restriction for the following entries should be considered: Number on list 3
REACH - Candidate List of Substances of Very High	: Not applicable

Hostatint Bluing Paste

Page 17(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

Concern for Authorisation (Article 59).

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

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

H301 : Toxic if swallowed.
H302 : Harmful if swallowed.
H311 : Toxic in contact with skin.
H314 : Causes severe skin burns and eye damage.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.
H330 : Fatal if inhaled.
H400 : Very toxic to aquatic life.
H410 : Very toxic to aquatic life with long lasting effects.
H412 : Harmful to aquatic life with long lasting effects.
EUH071 : Corrosive to the respiratory tract.

Full text of other abbreviations

Acute Tox. : Acute toxicity
Aquatic Acute : Short-term (acute) aquatic hazard
Aquatic Chronic : Long-term (chronic) aquatic hazard
Eye Dam. : Serious eye damage
Skin Corr. : Skin corrosion
Skin Irrit. : Skin irritation
Skin Sens. : Skin sensitisation

Hostatint Bluing Paste

Page 18(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

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; 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

Classification of the mixture:

Skin Sens. 1

H317

Classification procedure:

Calculation method

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

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



Hostatint Bluing Paste

Page 19(19)

Substance key: KS8442

Revision Date: 03.06.2022

Version : 12 - 2 / EU

Date of printing : 06.03.2023

information before handling any of these products. For additional information, please contact Heubach.

REG_EU / EN