

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

· Trade name: PRIMÁRIO CINOLITE HP

· Article number: 10-850

· Version number: 11

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

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· **Product category** PC9a Coatings and paints, thinners, paint removers

Process category

PROC10 Roller application or brushing

PROC11 Non industrial spraying

· **Application of the substance / the mixture:** Primer

1.3 Details of the supplier of the safety data sheet

· **Identification of the company/undertaking:**

CIN - Corporação Industrial do Norte, S.A.

Av de Dom Mendo, nº 831 (antes EN13 km6) - 4474-009 Maia - Portugal

Tel. + (351) 22 940 5000 - customerservice@cin.com

· **Further information obtainable from:**

E-mail address of the competent person responsible for the Safety Data Sheet: msds@cin.com

1.4 Emergency telephone number:

- Company: + (351) 22 940 5000

- Centro de Informação Antivenenos (CIAV): + (351) 800 250 250

- Emergency Service (24 hours): + (351) 21 352 4765

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **Additional information:**

EUH208 Contains CMIT/MIT (CAS: 55965-84-9), BIT (CAS: 2634-33-5). May produce an allergic reaction.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

· **Biocidal Products Regulation**

Contains biocidal products: BIT.

Contains biocidal products: CMIT/MIT.

2.3 Other hazards

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

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· vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· **Description:** Mixture: consisting of the following components.

· **Dangerous components:**

CAS: 2634-33-5 EINECS: 220-120-9 Reg.nr.: -	BIT (CAS: 2634-33-5) Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0,05 %	<0,05%
CAS: 55965-84-9 Reg.nr.: -	CMIT/MIT (CAS: 55965-84-9) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0,6 % Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 % Eye Dam. 1; H318: C ≥ 0,6 % Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1A; H317: C ≥ 0,0015 %	≥ 0,00025- < 0,0015%

· **Additional information:**

This mixture contains ≥ 1% titanium dioxide (CAS 13463-67-7) The Annex VI classification of Titanium dioxide does not apply to this mixture according to its Note 10.

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

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

No further relevant information available.

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

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· **Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions.

· 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

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5.3 Advice for firefighters

· **Protective equipment:** It might be necessary to use self-contained respiratory protective device.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures** Not required.

· **6.2 Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**

To remove contaminated clothing and protective equipment before entering eating areas.

To wash hands after use.

Not to eat, drink and smoke in work areas.

· **Information about fire - and explosion protection:** No special measures required.

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

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** None.

· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**

CAS: 55965-84-9 CMIT/MIT (CAS: 55965-84-9)

Oral	DNEL Long term systemic effects	0,09 mg/kg/day (consumers)
	DNEL Sort term systemic effects	0,11 mg/kg/day (consumers)
Inhalative	DNEL Short term local effects	0,04 mg/m ³ (consumers)
		0,04 mg/m ³ (workers)
	DNEL Long term local effects	0,02 mg/m ³ (consumers)
		0,02 mg/m ³ (workers)

· **PNECs**

CAS: 55965-84-9 CMIT/MIT (CAS: 55965-84-9)

PNEC water	0,003 mg/l (fresh water)
PNEC STP	0,23 mg/l

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- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
 - **Appropriate engineering controls** No further data; see section 7.
 - **Individual protection measures, such as personal protective equipment**
 - **General protective and hygienic measures:**
Wash hands before breaks and at the end of work.
 - **Respiratory protection:** Not required.
 - **Hand protection**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 - **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
 - **Penetration time of glove material**
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - **Eye/face protection** Goggles recommended during refilling

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
 - **General Information**
 - **Physical state** Liquid
 - **Colour:** According to product specification
 - **Odour:** Characteristic
 - **Odour threshold:** Not determined.
 - **Melting point/freezing point:** Undetermined.
 - **Boiling point or initial boiling point and boiling range** 100 °C (CAS: 7732-18-5 water, distilled, conductivity or of similarpurity)
 - **Flammability** Not applicable.
 - **Lower and upper explosion limit**
 - **Lower:** Not determined.
 - **Upper:** Not determined.
 - **Flash point:** >100 °C (ISO 3679)
 - **Ignition temperature:** Product is not selfigniting.
 - **Decomposition temperature:** Not determined.
 - **pH at 20 °C** 7-<10
 - **Viscosity:**
 - **Kinematic viscosity 40 °C** > 20.5 (mm²/s)
 - **Solubility**
 - **water:** Fully miscible.
 - **Partition coefficient n-octanol/water (log value)** Not determined.
 - **Vapour pressure at 20 °C:** 23 hPa (CAS: 7732-18-5 water, distilled, conductivity or of similarpurity)

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· **Density and/or relative density**

· Density at 20 °C:	1,467 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.

· **9.2 Other information:**

The data referred in this item is related to the white color.

The provisions of directive 2004/42/CE on VOC apply to this product. Refer to the product label and / or technical data sheet for further information.

· **Appearance:**

· **Form:** Fluid

· **Important information on protection of health and environment, and on safety.**

· **Explosive properties:** Product does not present an explosion hazard.

· **Solvent separation test:**

· VOC (EC)	16,8 g/l
	1,15 %
· Solids content (w/w):	60,5 %

· **Change in condition**

· **Evaporation rate** Not determined.

· **Information with regard to physical hazard classes**

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.

· **10.2 Chemical stability**

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **10.3 Possibility of hazardous reactions** No dangerous reactions known.

· **10.4 Conditions to avoid** No further relevant information available.

· **10.5 Incompatible materials:** No further relevant information available.

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- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

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

- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

CAS: 2634-33-5 BIT (CAS: 2634-33-5)

Oral LD50 1.193 mg/kg (rat)

Dermal LD50 4.115 mg/kg (rat)

CAS: 55965-84-9 CMIT/MIT (CAS: 55965-84-9)

Oral LD50 561 mg/kg (rat)

Dermal LD50 660 mg/kg (rabbit)

Inhalative LC50/4 h 2.360 mg/l (rat)

- **Primary irritant effect:**

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

- **Serious eye damage/irritation**

Based on available data, the classification criteria are not met.

- **Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.

- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

- **Carcinogenicity** Based on available data, the classification criteria are not met.

- **Reproductive toxicity** Based on available data, the classification criteria are not met.

- **STOT-single exposure** Based on available data, the classification criteria are not met.

- **STOT-repeated exposure** Based on available data, the classification criteria are not met.

- **Aspiration hazard** Based on available data, the classification criteria are not met.

- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

CAS: 2634-33-5 BIT (CAS: 2634-33-5)

EC50/48 h 1,45 mg/l (daphnia magna)

LC50/96 h 5,9 mg/l (Iepomis macrochirus (fish))

1,49 mg/l (oncorhynchus mykiss (rainbow trout))

5,3 mg/l (pleuranetes platessa)

1,6 mg/l (salmon)

- **12.2 Persistence and degradability** No further relevant information available.

- **12.3 Bioaccumulative potential** No further relevant information available.

- **12.4 Mobility in soil** No further relevant information available.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Endocrine disrupting properties**

For information on endocrine disrupting properties see section 11.

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· **12.7 Other adverse effects**

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Product**

· **Recommendation:**

Disposal must be made according to official regulations.

Contact waste processors for recycling information.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

The information given is based on Directive (EU) 2008/98.

· **European waste catalogue**

This product is not considered a hazardous waste as defined by EU Directive 2008/98/EC and Commission notice on technical guidance on the classification of waste (2018/C 124/01).

· **European waste catalogue**

Recommended identification code

08 01 12 - waste paint and varnish not covered by 08 01 11

· **Uncleaned packaging:**

· **Recommendation:**

Disposal must be made according to official regulations.

The package should be properly drained.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· **14.1 UN number or ID number**

· ADR, ADN, IMDG, IATA

Void

· **14.2 UN proper shipping name**

· ADR, ADN, IMDG, IATA

Void

· **14.3 Transport hazard class(es)**

· ADR, ADN, IMDG, IATA

· Class

Void

· **14.4 Packing group**

· ADR, IMDG, IATA

Void

· **14.5 Environmental hazards:**

Not applicable.

· **14.6 Special precautions for user**

Not applicable.

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

Not applicable.

· **UN "Model Regulation":**

Void

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SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **REGULATION (EU) No. 2019/1021 on persistent organic pollutants (POP)**

None of the ingredients is listed.

· **LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)**

None of the ingredients is listed.

· **REGULATION (EC) No. 1907/2006 ANNEX XVII** Not applicable.

· **Regulation (EU) No. 649/2012 concerning the export and import of hazardous chemicals**

None of the ingredients is listed.

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) No. 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No. 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No. 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **REGULATION (EC) No. 1005/2009 on substances that deplete the ozone layer – ANNEX I (Ozone-depleting potential)**

None of the ingredients is listed.

· **National regulations:**

· **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:**

CIN - Corporação Industrial do Norte, S.A.

Av de Dom Mendo, nº 831 (antes EN13 km6) - 4474-009 Maia - Portugal

Capital Social € 25.000.000 - C.R.C. da Maia / NIPC: 500 076 936

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· **Contact:** See adress in section 1 on this MSDS

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2