

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

PT Maintenance Oil Natural

**Product no.**

-

**REACH registration number**

Not applicable

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

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

Woodoil

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

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

**Company and address**

NOWOCOAT INDUSTRIAL A/S

Gl. Donsvej 6

6000 Kolding

tlf: +45 7550 1111

mail@nowocoat.dk

**Contact person**

Annette Søgaard

**E-mail**

mail@nowocoat.dk

**SDS date**

07-01-2016

**SDS Version**

1.0

### 1.4. Emergency telephone number

Use your national or local emergency number

See section 4 "First aid measures"

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Asp. Tox. 1; H304

See full text of H-phrases in section 2.2.

### 2.2. Label elements

**Hazard pictogram(s)****Signal word**

Danger

**Hazard statement(s)**

May be fatal if swallowed and enters airways. (H304)

|                            |                            |   |
|----------------------------|----------------------------|---|
|                            | <b>General</b>             | If medical advice is needed, have product container or label at hand. (P101).<br>Keep out of reach of children. (P102). |
| <b>Safety statement(s)</b> | <b>Prevention Response</b> | -<br>IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. (P301+P310+P331).                   |
|                            | <b>Storage Disposal</b>    | -<br>Dispose of contents/container to an approved waste disposal plant. (P501).   |

**Identity of the substances primarily responsible for the major health hazards**

Alkanes, C14-18

**2.3. Other hazards**

This product contains a small amount of teratogenic substances, which can cause long-term damage to the human embryo.

The product contains a small amount of substances that can damage the reproductive system.

This product contains substances that can give chemical pneumonia if inhaled. The symptoms of chemical pneumonia can appear after several hours.

**Additional labelling**

Contains Cobalt bis(2-ethylhexanoate). May produce an allergic reaction. (EUH208)

**Additional warnings**

Tactile warning. If this product is sold retail, it must be delivered in a child-proof container.

**VOC**

VOC-MAX: 5 g/l, MAXIMUM VOC CONTENT (A (SB)): 400 g/l.

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

**3.1/3.2. Substances/Mixtures**

NAME: Alkanes, C14-18  
 IDENTIFICATION NOS.: CAS-no: 90622-47-2 EC-no: 292-449-6 REACH-no: 01-2119457736-27  
 CONTENT: 60-80%  
 CLP CLASSIFICATION: Asp. Tox. 1  
 H304

NAME: 2-Ethylhexanoic acid, zirconium salt  
 IDENTIFICATION NOS.: CAS-no: 22464-99-9 EC-no: 245-018-1  
 CONTENT: <1%  
 CLP CLASSIFICATION: Repr. 2  
 H361

NAME: Cobalt bis(2-ethylhexanoate)  
 IDENTIFICATION NOS.: CAS-no: 136-52-7 EC-no: 205-250-6  
 CONTENT: <1%  
 CLP CLASSIFICATION: Eye Irrit. 2, Skin Sens. 1, Repr. 2, Aquatic Acute 1, Aquatic Chronic 3  
 H317, H319, H361, H400, H412

(\*) See full text of H-phrases in chapter 16. Occupational exposure limits are listed in section 8, if these are available.

**Other informations**

ATEmix(inhale, vapour) > 20  
 ATEmix(oral) > 2000  
 N acute (CAT 1) Sum = Sum(Ci/M(acute))\*25 = 0,003456 - 0,005184

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

**Inhalation**

Get the injured person into fresh air. Make sure there is always someone with the injured person. If unconscious, roll the injured person onto side with the top leg bent at both knee and hip. Call an ambulance.

**Skin contact**

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

#### **Eye contact**

Remove contact lenses. Flush eyes immediately with plenty of water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. If irritation continues, contact a doctor.

#### **Ingestion**

In the case of ingestion, contact a doctor immediately and take this safety data sheet or the label from the material with you. If the person is conscious, give them water. DO NOT try to induce vomiting, unless this is recommended by a doctor. Hold head facing down so that no vomit runs back into the mouth and throat. Prevent shock by keeping the injured person warm and calm. Give mouth-to-mouth resuscitation if breathing stops. If unconscious, roll the injured person onto side with the top leg bent at both knee and hip. Call an ambulance.

Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

#### **Burns**

Not applicable.

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

This product contains substances that can give chemical pneumonia if inhaled. The symptoms of chemical pneumonia can appear after several hours.

This product contains substances that may cause an allergic reaction in people who are already so disposed.

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

IF exposed or concerned: Get immediate medical advice/attention.

#### **Information to medics**

Bring this safety data sheet.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

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

No special.

#### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact.

### **SECTION 6: Accidental release measures**

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

Avoid direct contact with spilled substances. Avoid inhalation of vapours from waste material.

#### **6.2. Environmental precautions**

No specific requirements.

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

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

#### **6.4. Reference to other sections**

See section on "Disposal considerations" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

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

Always store in containers of the same material as the original.

#### **Storage temperature**

No data available.

#### **7.3. Specific end use(s)**

This product should only be used for applications described in Section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### OEL

No substances listed.

#### DNEL / PNEC

DNEL (2-Ethylhexanoic acid, zirconium salt): 5 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term – Systemic effects - Workers  
DNEL (2-Ethylhexanoic acid, zirconium salt): 15.75 mg/kg - Exposure: Dermal - Duration: Long term – Systemic effects - Workers  
DNEL (2-Ethylhexanoic acid, zirconium salt): 2.5 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term – Systemic effects - General population  
DNEL (2-Ethylhexanoic acid, zirconium salt): 7.9 mg/kg - Exposure: Dermal - Duration: Long term – Systemic effects - General population  
DNEL (2-Ethylhexanoic acid, zirconium salt): 7.9 mg/kg - Exposure: Oral - Duration: Long term – Systemic effects - General population  
DNEL (Cobalt bis(2-ethylhexanoate)): 235 µg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term – Local effects - Workers  
DNEL (Cobalt bis(2-ethylhexanoate)): 55,8 µg/kg - Exposure: Oral - Duration: Long term – Systemic effects - General population  
DNEL (Cobalt bis(2-ethylhexanoate)): 37 µg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term – Local effects - General population

PNEC (2-Ethylhexanoic acid, zirconium salt): 0.36 mg/L - Exposure: Freshwater - Duration: Single  
PNEC (2-Ethylhexanoic acid, zirconium salt): 0.036 mg/L - Exposure: Marine water - Duration: Single  
PNEC (2-Ethylhexanoic acid, zirconium salt): 0.493 mg/L - Exposure: Intermittent release - Duration: Continuous  
PNEC (2-Ethylhexanoic acid, zirconium salt): 1.06 mg/kg - Exposure: Soil - Duration: Single  
PNEC (Cobalt bis(2-ethylhexanoate)): 10,9 mg/kg - Exposure: Soil - Duration: Single  
PNEC (Cobalt bis(2-ethylhexanoate)): 0,6 µg/l - Exposure: Freshwater - Duration: Single  
PNEC (Cobalt bis(2-ethylhexanoate)): 2,36 µg/l - Exposure: Marine water - Duration: Single

### 8.2. Exposure controls

No control is necessary if the product is used in a normal way.

#### General recommendations

Observe general occupational hygiene.

#### Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

#### Exposure limits

There are no maximum exposure limits for the substances contained in this product.

#### Appropriate technical measures

Take ordinary precautions when using the product. Avoid inhalation of gas or dust.

#### Hygiene measures

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

#### Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible collect spillage during work.

#### Individual protection measures, such as personal protective equipment



#### Generally

Use only CE marked protective equipment.

#### Respiratory Equipment

No specific requirements.

#### Skin protection

Special work clothing should be used. When working with this product for a long period of time, use a protective suit.

#### Hand protection

Recommended: Nitrile rubber. See the manufacturer's instructions.

#### Eye protection

No specific requirements.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|        |        |       |    |                            |                              |
|--------|--------|-------|----|----------------------------|------------------------------|
| Form   | Colour | Odour | pH | Viscosity                  | Density (g/cm <sup>3</sup> ) |
| Liquid | -      | -     | -  | <20,5 mm <sup>2</sup> /sek | 0,8-0,85                     |

#### Phase changes

|                    |                    |                         |
|--------------------|--------------------|-------------------------|
| Melting point (°C) | Boiling point (°C) | Vapour pressure (mm Hg) |
| -                  | -                  | -                       |

#### Data on fire and explosion hazards

|                 |               |                    |
|-----------------|---------------|--------------------|
| Flashpoint (°C) | Ignition (°C) | Self ignition (°C) |
| -               | -             | -                  |

|                          |                      |
|--------------------------|----------------------|
| Explosion limits (Vol %) | Oxidizing properties |
| -                        | -                    |

#### Solubility

|                     |                             |
|---------------------|-----------------------------|
| Solubility in water | n-octanol/water coefficient |
| Insoluble           | -                           |

### 9.2. Other information

|                   |                        |
|-------------------|------------------------|
| Solubility in fat | Additional information |
| -                 | N/A                    |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in the section on "Handling and storage".

### 10.3. Possibility of hazardous reactions

No special.

### 10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight), because it can lead to excess pressure.

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reductants agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

| Substance                         | Species | Test | Route of exposure | Result       |
|-----------------------------------|---------|------|-------------------|--------------|
| Cobalt bis(2-ethylhexanoate)      | Rat     | LD50 | Oral              | 3129 mg/kg   |
| Cobalt bis(2-ethylhexanoate)      | Rat     | LD50 | Dermal            | >2000 mg/kg  |
| 2-Ethylhexanoic acid, zirconiu... | Rat     | LD50 | Inhalation        | > 5000 mg/kg |
| 2-Ethylhexanoic acid, zirconiu... | Rat     | LD50 | Dermal            | > 2000 mg/kg |
| Alkanes, C14-18                   | Rat     | LD50 | Oral              | > 5000 mg/kg |

#### Skin corrosion/irritation

No data available.

#### Serious eye damage/irritation

No data available.

#### Respiratory or skin sensitisation

No data available.

#### Germ cell mutagenicity

No data available.

#### Carcinogenicity

No data available.

#### Reproductive toxicity

This product contains a small amount of teratogenic substances, which can cause long-term damage to the human embryo.

The product contains a small amount of substances that can damage the reproductive system.

#### STOT-single exposure

No data available.

**STOT-repeated exposure**

No data available.

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**Long term effects**

This product contains substances that can give chemical pneumonia if inhaled. The symptoms of chemical pneumonia can appear after several hours.

This product contains substances that may cause an allergic reaction in people who are already so disposed.

**SECTION 12: Ecological information**

**12.1. Toxicity**

| Substance                        | Species | Test | Test duration | Result      |
|----------------------------------|---------|------|---------------|-------------|
| Cobalt bis(2-ethylhexanoate)     | Fish    | LC50 | 96 h          | 275 mg/l    |
| Cobalt bis(2-ethylhexanoate)     | Algae   | EC50 | 72 h          | 283,1 µg/l  |
| 2-Ethylhexanoic acid, zirconi... | Daphnia | EC50 | 48 h          | > 0.17 mg/L |
| 2-Ethylhexanoic acid, zirconi... | Fish    | LC50 | 96 h          | > 100 mg/L  |
| 2-Ethylhexanoic acid, zirconi... | Algae   | EC50 | 72 h          | 49.3 mg/L   |
| Alkanes, C14-18                  | Daphnia | LC50 | 48 h          | 0,0022 mg/L |

**12.2. Persistence and degradability**

| Substance                        | Biodegradability | Test               | Result  |
|----------------------------------|------------------|--------------------|---------|
| Cobalt bis(2-ethylhexanoate)     | Yes              | CO2 Evolution Test | 60 %    |
| 2-Ethylhexanoic acid, zirconi... | Yes              | CO2 Evolution Test | 73,82 % |
| Alkanes, C14-18                  | Yes              | CO2 Evolution Test | 80 %    |

**12.3. Bioaccumulative potential**

| Substance       | Potential bioaccumulation | LogPow | BFC               |
|-----------------|---------------------------|--------|-------------------|
| Alkanes, C14-18 | Yes                       | 7,22   | No data available |

**12.4. Mobility in soil**

Alkanes, C14-18: Log Koc= 5,795918, Calculated from LogPow (Low mobility potential. ).

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

No data available.

**12.6. Other adverse effects**

This product contains ecotoxic substances which can have damaging effects on water-organisms. This product contains substances which can cause undesirable long-term effects in the water environment, due to its poor biodegradability. This product contains substances which can accumulate in the food chain because they are bioaccumulative substances. Bioaccumulative substances can accumulate in fat tissue and are not easily secreted.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

The product is covered by the regulations on dangerous waste.

**Waste**

EWC code  
08 01 11

**Specific labelling**

-

**Contaminated packing**

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

## SECTION 14: Transport information

Not listed as dangerous goods under ADR and IMDG regulations.

### 14.1 – 14.4

#### ADR/RID

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

Notes

Tunnel restriction code

#### IMDG

UN-no.

Proper Shipping Name

Class

PG\*

EmS

MP\*\*

Hazardous constituent

#### ▼ IATA/ICAO

UN-no.

Proper Shipping Name

Class

PG\*

### 14.5. Environmental hazards

-

### 14.6. Special precautions for user

-

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available.

(\*) Packing group

(\*\*) Marine pollutant

## SECTION 15: Regulatory information

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

#### Restrictions for application

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC.

#### Demands for specific education

-

#### Additional information

Contains Cobalt bis(2-ethylhexanoate). May produce an allergic reaction. (EUH208)

VOC-MAX: 5 g/l, MAXIMUM VOC CONTENT (A (SB)): 400 g/l.

#### Sources

EC regulation 1907/2006 (REACH)

Directive 2000/532/EC

EC Regulation 1272/2008 (CLP)

### 15.2. Chemical safety assessment

No.

## SECTION 16: Other information

### Full text of H-phrases as mentioned in section 3

- H304 - May be fatal if swallowed and enters airways.
- H317 - May cause an allergic skin reaction.
- H319 - Causes serious eye irritation.
- H361 - Suspected of damaging fertility or the unborn child.
- H400 - Very toxic to aquatic life.
- H412 - Harmful to aquatic life with long lasting effects.

### The full text of identified uses as mentioned in section 1

-

### Other symbols mentioned in section 2

-

### Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.  
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.  
A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

### The safety data sheet is validated by

Annette

### Date of last essential change (First cipher in SDS version)

-

### Date of last minor change (Last cipher in SDS version)

-