

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

PT Garden Furniture Oil

Product no.

20

REACH registration number

Not applicable

Other means of identification

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

Relevant identified uses of the substance or mixture

Woodoil

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 75 50 11 11

mail@nowocoat.dk

Contact person

Joen Reinert

E-mail

joen@nowocoat.dk

SDS date

07-03-2013

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

This product is not classified as dangerous.

See full text of H/R-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)

-

Hazard statement(s)

-

Identity of the substances primarily responsible for the major health hazards

Safety statement(s)	General	-
	Prevention	-
	Response	-
	Storage	-
	Disposal	-

2.3. Other hazards

Additional labelling

Safety data sheet available on request. Contains 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,..... May produce an allergic reaction.

Additional warnings

-

VOC

VOC-MAX: 15 g/l, MAXIMUM VOC CONTENT (Phase II, f (SB)): 700 g/l.

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances

NAME: Alkanes, C11-15-iso-
IDENTIFICATION NOS.: CAS-no: 90622-58-5 EC-no: 292-460-6
CONTENT: 1-5%
DSD CLASSIFICATION: Xn;R65 R66
CLP CLASSIFICATION: Asp. Tox. 1
H304, EUH066

NAME: barium bis(2-ethylhexanoate)
IDENTIFICATION NOS.: CAS-no: 2457-01-4 EC-no: 219-535-8
CONTENT: <1%
DSD CLASSIFICATION: -
CLP CLASSIFICATION: -

NAME: 2-ethylhexansyre, zirconiumsalt
IDENTIFICATION NOS.: CAS-no: 22464-99-9 EC-no: 245-018-1
CONTENT: <1%
DSD CLASSIFICATION: Xi;R38
CLP CLASSIFICATION: NA

NAME: cyclohexanone oxime
IDENTIFICATION NOS.: CAS-no: 100-64-1 EC-no: 202-874-0
CONTENT: <1%
DSD CLASSIFICATION: -
CLP CLASSIFICATION: -

NAME: cobalt bis(2-ethylhexanoate)
IDENTIFICATION NOS.: CAS-no: 136-52-7 EC-no: 205-250-6
CONTENT: <1%
DSD CLASSIFICATION: -
CLP CLASSIFICATION: NA

NAME: 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,...
IDENTIFICATION NOS.: CAS-no: 60207-90-1 EC-no: 262-104-4 Index-no: 613-205-00-0
CONTENT: <1%
DSD CLASSIFICATION: Xn;R22 Xi;R43 N;R50/53
CLP CLASSIFICATION: Acute tox. 4, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1
H302, H317, H400, H410

NAME: 3-iodo-2-propynyl butylcarbamate
IDENTIFICATION NOS.: CAS-no: 55406-53-6 EC-no: 259-627-5
CONTENT: <0.1%
DSD CLASSIFICATION: Xn;R20/22 Xi;R37 R41 R43 N;R50
CLP CLASSIFICATION: NA

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

Other informations

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. Prevent shock by keeping the injured person warm and calm. If the person stops breathing, give mouth-to-mouth resuscitation. 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

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

Burns

Rinse with water until the pain stops and continue for 30 minutes.

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

Sensitivity effects: This product contains substances which can give an allergic reaction on contact with skin. The allergic reaction will typically set in 12-72 hours after exposure as the substance penetrates the skin and reacts with proteins in the outer skin. The body's immune system sees the chemically changed protein as a foreign body and will try to destroy it.

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

No special

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

No specific requirements.

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.

7.2. Conditions for safe storage, including any incompatibilities

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

Storage temperature

NA

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 data available

DNEL / PNEC

DNEL (cobalt bis(2-ethylhexanoate)): 235 µg/m³ - Exposure: Inhalation - Duration: Long term local - Remarks: Workers
 DNEL (cobalt bis(2-ethylhexanoate)): 55,8 µg/kg - Exposure: Oral - Duration: long term systemic - Remarks: General population
 DNEL (cobalt bis(2-ethylhexanoate)): 31 µg/m³ - Exposure: Inhalation - Duration: Long term local - Remarks: General population

PNEC (cobalt bis(2-ethylhexanoate)): 0,51 µg/l - Exposure: Water - Duration: Single - Remarks: Fresh water
 PNEC (cobalt bis(2-ethylhexanoate)): 2,36 µg/l - Exposure: Water - Duration: Single - Remarks: Marine water

8.2. Exposure controls

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

General recommendations

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom.

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

No specific requirements.

Individual protection measures, such as personal protective equipment



Generally

Only CE-marked personal protection equipment should be used.

Respiratory Equipment

Recommended: A, Class 1 (low capacity), Brown

Skin protection

No specific requirements.

Hand protection

Recommended: Polyvinyl alcohol (PVA). . Breakthrough time: 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 ³)
Liquid	Various colours	Mild	-	-	1,0

Phase changes

Melting point (°C)	Boiling point (°C)	Vapour pressure (mm Hg)
-	255	-

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 oxidising agents, and strong catabolic 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
1-[[2-(2,4-dichlorophenyl)-4-p...	Rat	LD50	Oral	1517 mg/kg
1-[[2-(2,4-dichlorophenyl)-4-p...	Rat	LD50	Dermal	> 4 mg/kg
1-[[2-(2,4-dichlorophenyl)-4-p...	Rat	LC50	Inhalation	1264 mg/m ³
Alkanes, C11-15-iso-	Rat	LD50	Oral	>5000 mg/kg
Alkanes, C11-15-iso-	Rabbit	LD50	Dermal	>3160 mg/kg
Alkanes, C11-15-iso-	Rat	LC50	Inhalation	>715 ppm
cobalt bis(2-ethylhexanoate)	Rat	LD50	Oral	3129 mg/kg
cobalt bis(2-ethylhexanoate)	Rat	LD50	Dermal	>2000 mg/kg

Long term effects

Sensitivity effects: This product contains substances which can give an allergic reaction on contact with skin. The allergic reaction will typically set in 12-72 hours after exposure as the substance penetrates the skin and reacts with proteins in the outer skin. The body's immune system sees the chemically changed protein as a foreign body and will try to destroy it.

SECTION 12: Ecological information**12.1. Toxicity**

Substance	Species	Test	Test duration	Result
3-iodo-2-propynyl butylcarbama...	Fish	LC50	96 h	0,13 mg/l
3-iodo-2-propynyl butylcarbama...	Daphnia	EC50	48 h	0,028 mg/l
3-iodo-2-propynyl butylcarbama...	Algae	EC50	120 h	0,09 mg/l
1-[[2-(2,4-dichlorophenyl)-4-p...	Fish	LC50	96 timer	21 mg/l
1-[[2-(2,4-dichlorophenyl)-4-p...	Daphnia	NOEC	48 timer	0,5 mg/l
1-[[2-(2,4-dichlorophenyl)-4-p...	Algae	EC50	72 timer	6,5 mg/l
Alkanes, C11-15-iso-	Fish	LC50	96 h	2890 mg/l
Alkanes, C11-15-iso-	Daphnia	EC50	48 h	<100 mg/l
cobalt bis(2-ethylhexanoate)	Fish	LC50	96 h	275 mg/l
cobalt bis(2-ethylhexanoate)	Daphnia	EC50	28 d	120 µg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
3-iodo-2-propynyl butylcarbama...		No data available	No data available
cyclohexanone oxime		No data available	No data available
Alkanes, C11-15-iso-	Yes	No data available	available
cobalt bis(2-ethylhexanoate)		CO ₂ Evolution Test	No data available
			60

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BFC

3-iodo-2-propynyl butylcarbama...	No	No data available	No data available
1-[[2-(2,4-dichlorophenyl)-4-p...	Yes	3,72	No data available
cyclohexanone oxime	No	1,02	No data available
Alkanes, C11-15-iso-	No	No data available	No data available
cobalt bis(2-ethylhexanoate)	No	No data available	No data available

12.4. Mobility in soil

1-[[2-(2,4-dichlorophenyl)-4-p...: Log Koc= 3,024268, Calculated from LogPow (Moderate mobility potential.). cyclohexanone oxime: Log Koc= 0,886138, Calculated from LogPow (High 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

This product is not covered by the regulations on dangerous waste.

Waste

EWC code

-

Specific labelling

-

Contaminated packing

No specific requirements.

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		
IMDG	UN-no.	Proper Shipping Name	Class	PG*	EmS	MP**	Hazardous constituent

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

-

Demands for specific education

-

Additional information

-

15.2. Chemical safety assessment

No

SECTION 16: Other information'

Sources

EC regulation 1907/2006 (REACH)
Directive 2000/532/EC
EC Regulation 1272/2008 (CLP)

Full text of H/R-phrases as mentioned in section 3

R22 - Harmful if swallowed.
R37 - Irritating to respiratory system.
R38 - Irritating to skin.
R41 - Risk of serious damage to eyes.
R43 - May cause sensitisation by skin contact.
R50 - Very toxic to aquatic organisms.
R65 - Harmful: may cause lung damage if swallowed.
R66 - Repeated exposure may cause skin dryness or cracking.
R20/22 - Harmful by inhalation and if swallowed.
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
H302 - Harmful if swallowed.
H304 - May be fatal if swallowed and enters airways.
H317 - May cause an allergic skin reaction.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.
EUH066 - Repeated exposure may cause skin dryness or cracking.

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

Joen Reinert

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

-

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

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