



Trade name: Carbolineum

Date revised: 15.08.08

Dangerous substance number: 072700

Version: 2 / CH

Date of printing: 15.08.08

01. Identification of the substance/preparation and of the company/undertaking

Trade name

Carbolineum

Item-No. 07270000

Company/undertaking identification

Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

Emergency 0041 (0)44 251 51 51

telephone

02. Hazards identification

Classification

Classification Carc.Cat.2, R45
R10
N, R51/53
Xn, R20/21
Xi, R38

Hazard symbols

T Toxic
N Dangerous for the environment

R phrases

45 May cause cancer.
10 Flammable.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

03. Composition / information on ingredients

Hazardous ingredients

Creosote; Wash oil

CAS no. 8001-58-9
EINECS no. 232-287-5
Concentration ≥ 1 < 10 %
Classification Carc.Cat.2, R45

Naphtha (Petroleum), hydrotreated heavy; low boiling point thermally cracked Naphtha

CAS no. 64742-48-9
EINECS no. 265-150-3
Concentration ≥ 1 < 10 %
Classification Carc.Cat.2, R45
Xn, R65

Naphthalene

CAS no. 91-20-3
EINECS no. 202-049-5
Concentration ≥ 1 < 10 %
Classification Carc.Cat.3, R40
Xn, R22
N, R50/53

Biphenyl



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CAS no.	92-52-4				
EINECS no.	202-163-5				
Concentration	>=	10	<	25	%
Classification	Xi, R36/37/38 N, R50/53				

Xylene

CAS no.	1330-20-7				
EINECS no.	215-535-7				
Concentration	>=	10	<	25	%
Classification	Xn, R20/21 Xi, R38 R10				

04. First aid measures

General information

In case of accident or if you feel unwell, seek medical advice immediately.

After inhalation

Ensure supply of fresh air.. Keep warm and at rest.. Irregular breathing/no breathing: artificial respiration.. If the patient is likely to become unconscious, place and transport in stable sideways position.. Seek medical advice immediately.

After skin contact

Remove contaminated, soaked clothing immediately and dispose of safely.. Wash off immediately with soap and water and rinse well.. Don't use solvents.

After eye contact

Remove contact lenses. Separate eyelids, wash the eyes thoroughly with water (15 min.).. Seek medical aid immediately.

After ingestion

Summon a doctor immediately.. Keep warm and at rest.. Do not induce vomiting.

05. Fire-fighting measures

Suitable extinguishing media

Alcohol-resistant foam, Carbon dioxide, Dry powder, Water mist

Non Suitable extinguishing media

Full water jet

Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases

dense black smoke; In case of combustion, evolution of health hazardous partially burned gases.

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

Other information

Cool endangered containers with water spray jet.. Collect contaminated fire-fighting water separately, must not be discharged into the drains.

06. Accidental release measures

Personal precautions

Keep away from sources of ignition - No smoking.. Ensure adequate ventilation.. Do not inhale vapours.. Refer to protective measures listed in sections 7 and 8.

Environmental precautions

Do not allow to enter drains.. Advise water authority if spillage has entered water course or drainage system.



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Methods for cleaning up

Do not pick up with the help of saw-dust or other combustible substances.. Take up with absorbent material (eg sand, kieselguhr).. When picked up, treat material as prescribed under heading "Disposal".

07. Handling and storage**Handling****Advice on safe handling**

Take precautionary measures against electrostatic loading.. Use antistatic tools.. Observe emission limit.. Keep away from heat and sources of ignition.. Use antistatic tools.. Avoid contact with skin, eyes and clothing.. Avoid inhaling dusts/ billows/ steams.

Advice on protection against fire and explosion

Vapours heavier than air.. Vapours can form an explosive mixture with air.. Keep away from sources of ignition - refrain from smoking.

Storage**Requirements for storage rooms and vessels**

Only use containers that are approved specifically for the substance/product.. Keep container tightly closed and dry.. Never use pressure to empty: Container is not a pressure vessel. Prevent unauthorized access.. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Hints on storage assembly

Do not store together with: Alkalies, Acids, Oxidizing agents

Further information on storage conditions

Protect from heat and direct sunlight.. Keep container in a well-ventilated place.. Keep only in the original container in a cool, well ventilated place.. Keep away from sources of ignition.

Recommended storage temperature

Value	15	30	°C
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08. Expose controls/personal protection**Exposure limit values****Naphthalene**

Type	MAK			
Value	50	mg/m ³	10	ppm(V)
Skin resorption / sensibilisation	H			

Biphenyl

Type	MAK			
Value	1.3	mg/m ³	0.2	ppm(V)
Pregnancy group	D			

Xylene

Type	MAK			
Value	435	mg/m ³	100	ppm(V)
Short term exposure limit	870	mg/m ³	200	ppm(V)
Short-term exposure limit	4x15			
Skin resorption / sensibilisation	H			
Pregnancy group	D			
Remarks	B			

General protective and hygiene measures

At work do not eat, drink, smoke or take drugs.

Occupational exposure controls



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Respiratory protection

necessary; Respiratory protection mask with combination filter A/P2

Hand protection

Protective gloves

Appropriate Material

Gloves / resistant to chemicals

Material thickness

0.4 mm

Penetrating time

> 480 min

Eye protection

Safety glasses

Skin protection

light protective clothing, anti-static

09. Physical and chemical properties**General information**

Form

liquid

Odour

characteristic

Important health, safety and environmental information**Flash point**

Value

25

°C

Source

DIN 53213

Ignition temperature

Value

270

°C

Explosion limits

Lower explosion limit

1.0

% (V)

Upper explosion limit

8.0

% (V)

Density

Value

1.04

g/cm³

temperature

20

°C

Viscosity

Value

18

s

temperature

20

°C

method

DIN 53211

Solubility in water

Remarks

insoluble

Solvent separation test

Value

< 3

%

method

ADR/RID

Solvent content

Value

5

%

10. Stability and reactivity**Conditions to avoid**

No decomposition if stored and applied as directed.

Materials to avoid

Acids, Alkalies, Oxidising agents

Hazardous decomposition productsCarbon dioxide, Carbon monoxide, Fume, nitrous oxides (NO_x)

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11. Toxicological information

Irritant/corrosive effects

Irritant effect on skin

Remarks Irritates the mucous membrane.
Remarks Longer or repeated exposure with the product may cause dermatitis

Irritant effect on eyes

Remarks Irritates the eyes.

Effects after repeated or prolonged exposition (subacute, subchronic, cronic)

Experience in practice

Inhalation of the vapours causes irritation of the respiratory tract and mucous membrane, headaches, nausea, giddiners, vomiting.. Liver damage is possible.. Kidney damage is possible.

Other information

The product has not been tested. The information is derived from the properties of the individual components.

12. Ecological information

General information / ecology

Do not allow product to reach the drainage.

13. Disposal considerations

Disposal recommendations for the product

EWC waste code Should not be released into the sanitary sewer system.
Disposal in compliance with local and national regulations.
EWC waste code 08 01 11* waste paint and varnish containing organic solvents or other dangerous substances

Disposal recommendations for packaging

Uncontaminated packaging may be taken for recycling.

14. Transport information

Land transport ADR/RID

UN number 3082
Class 9
Packing group III
Label 9
Technical name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Marine transport IMDG/GGVSee

UN number 3082
Class 9
Packing group III
Technical name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Marine Pollutant p

Air transport ICAO/IATA

UN number 3082
Class 9
Packing group III
Technical name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

15. Regulatory information

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Labelling in accordance with EC directives

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols

T Toxic
 N Dangerous for the environment

Hazardous component(s) to be indicated on label

contains Creosote; Wash oil;Naphtha (Petroleum), hydrotreated heavy; low boiling point thermally cracked Naphtha;Naphthalene

R phrases

45 May cause cancer.
 10 Flammable.
 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

36/37 Wear suitable protective clothing and gloves.
 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 51 Use only in well-ventilated areas.
 53 Avoid exposure - obtain special instructions before use.
 61 Avoid release to the environment. Refer to special instructions/Safety data sheets.
 23 Do not breathe vapours/aerosols.

Special labelling for certain preparations

"Restricted to professional users"

Water Hazard Class (Ger.)

Water Hazard Class WGK 2
 (Ger.)
 Classification according to Annex 4 VwVwS

VOC (CH)

VOC (CH) 5.2945 %

16. Other information**R-phrases of the ingredients listed in chapter 3**

10 Flammable.
 20/21 Harmful by inhalation and in contact with skin.
 22 Harmful if swallowed.
 36/37/38 Irritating to eyes, respiratory system and skin.
 38 Irritating to skin.
 40 Limited evidence of a carcinogenic effect.
 45 May cause cancer.
 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 65 Harmful: may cause lung damage if swallowed.

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.