

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



79800 Beechwood Tar

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Revised edition: 20.08.2015

Version: 1

Printed: 08.09.2017

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Beechwood Tar

Article No.: 79800

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses: Animal care product

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.de

E-Mail: info@kremer-pigmente.de

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

	Eye irritation, hazard category 2
	Skin irritation, hazard category 2
H315	Causes skin irritation.
Cat.: 2	
H319	Causes serious eye irritation.
Cat.: 2	

Classification according to Directive No. 67/548/EC or No. 1999/45/EC

Irritating (Xi) R36 Irritating to eyes.

Irritating (Xi) R38 Irritating to skin.

Safety Phrases:

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

Hazard designation:



GHS07-1

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Signal word:

Warning

Hazard designation:

H315 Causes skin irritation.
H319 Causes serious eye irritation.

Safety designation:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves/ clothing/ eye/ face protection.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing.
P314 Get medical advice/attention if you feel unwell.

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization:

Information on Components / Hazardous Ingredients:

Acetic acid (C; R10-35; H226-314); REACH-Nr. 01-2119475328-30-XXXX	1 - 10 %	CAS-Nr: 64-19-7 EINECS-Nr: 200-580-7 EC-Nr: 607-002-00-6
Phenol (T,C; R23/24/25-34-48/20/21/22-68; H301-311-314-331-341-373)	0.1 - 1 %	CAS-Nr: 108-95-2 EINECS-Nr: 203-632-7 EC-Nr: 604-001-00-2

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

Supply fresh air. Consult physician if symptoms persist.
Give artificial respiration in case breathing is not regular or if it has stopped.
In case of unconsciousness place patient stable in side position for transportation.

After skin contact:

Remove contaminated clothing. Wash off immediately with plenty of water and soap.
If irritation continues consult a physician.

After eye contact:

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Remove contact lens. Rinse open eyes with plenty of water (10-15 min). Should irritation continue, seek medical advice.

After ingestion:

Rinse mouth with plenty of water.

Do not induce vomiting.

Drink plenty of water. Get medical help in case of discomfort.

Never give anything by mouth to an unconscious person.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

Effects:

For further information on symptoms and health hazards, see section 11.

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

No further information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Foam, carbon dioxide (CO₂), extinguishing powder, water spray jet.

Unsuitable extinguishing media:

Water with full jet.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: formation of carbon oxides, toxic gases/vapors.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device and full protective gear.

Further information:

Contaminated extinguishing water and debris should be disposed of according to local regulations.

Do not inhale explosion and fire gases.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Provide adequate ventilation. Keep away from sources of ignition.

Avoid contact with eyes and skin.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soil, drains and surface waters.

Contact local authorities if product pollutes soil or vegetation.

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6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with absorbent material (e.g. sand, acid binder, universal binder, sawdust) and collect in appropriate containers for disposal.

6.4. Reference to other Sections

Protective clothing, see Section 8.

Dispose of contaminated material according to Section 13.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Provide adequate ventilation.

Avoid contact with eyes and skin.

Hygienic measures:

Do not eat or drink during work. Do not smoke.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store product in a well ventilated area.

Protect product from direct sunlight.

Protect against overheating.

Requirements for storage areas and containers:

Store the product in the original container.

Information on fire and explosion protection:

Do not store together with alkalis.

Do not store together with: oxidants.

Storage class (VCI):

10; Combustible liquids (TRGS 510, Storage of hazardous materials in transportable containers)

Further Information:

7.3. Specific End Use(s)

Further information:

No information available.

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

Acetic acid, CAS 64-19-7; TWA: 100 ppm, 25 mg/l (DFG, Y)

Phenol, CAS 108-95-2; TWA: 2 ppm, 7.8 mg/l (DFG, H)

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Acetic acid, CAS 64-19-7:

25 mg/m³ (consumer, inhalation, long-term/short-term exposition -

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local effects)

Phenol:

8 mg/m³ (worker, inhalation, long-term exposition - systemic effect)

0.4 mg/kg bw/d (consumer, skin contact/swallowing, long-term exposition - systemic effects)

1.32 mg/m³ (consumer, inhalation, long-term exposition - systemic effects)

Predicted No-Effect Concentration (PNEC):

Acetic acid, CAS 64-19-17:

Fresh water: 3.058 mg/l

Sea water: 0.3058 mg/l

Fresh water sediment: 11.36 mg/kg dw

Sea water sediment: 1.136 mg/kg dw

Sewage treatment system (STP): 85 mg/l

Intermittent release: 30.58 mg/l

Soil: 0.478 mg/kg dw

Phenol:

Freshwater: 7.7 µg/l

Sea water: 0.77 µg/l

Fresh water sediment: 91500 mg/kg

Sea water sediment: 9150 mg/kg

Sewage treatment system (STP): 2.1 mg/l

Soil: 136000 mg/kg

Additional Information:

Biological limit value: 120 mg/g (Phenol; urine, b)

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation.

Use local exhaust ventilation in case of dust and/or fume formation.

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection:

Respiratory equipment required in case of insufficient ventilation, filter type A.

Hand protection:

Chemical protective gloves (EN 374 (Europe), F739 (US)).

Protective glove material:

Recommended: min. 0.4 mm thickness, breakthrough time > 480 min.

Butyl or nitrile rubber.

Please note the manufacturers' detailed statements, especially

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about the minimum thickness and the minimum breakthrough time.

Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove suppliers.

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing.

Environmental precautions:

No special measures required.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>paste</i>
<i>Color:</i>	<i>black</i>
<i>Odor:</i>	<i>characteristic</i>
<i>Odor threshold:</i>	<i>not determined</i>
<i>pH-Value:</i>	<i>2.7 - 2.9 (50%)</i>
<i>Melting temperature:</i>	<i>60°C</i>
<i>Boiling temperature:</i>	<i>98 - 260°C</i>
<i>Flash point:</i>	<i>115°C</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>not applicable</i>
<i>Upper explosion limit:</i>	<i>not determined</i>
<i>Lower explosion limit:</i>	<i>not determined</i>
<i>Vapor pressure:</i>	<i>not determined</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>1.18 g/ml</i>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not applicable</i>
<i>Auto-ignition temperature:</i>	<i>not determined</i>

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Decomposition temperature:

not determined

Viscosity, dynamic:

1000 - 2000 cP (20°C)

Explosive properties:

not available

Oxidizing properties:

no information available

Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

Unknown.

10.4. Conditions to Avoid

Conditions to avoid:

Avoid direct sunlight and heat.

Thermal decomposition:

10.5. Incompatible Materials

Strong acids, strong bases and strong oxidizing agents.

10.6. Hazardous Decomposition Products

In the event of fire: see chapter 5.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral:

Acetic acid: 3310 mg/kg (rat)

Phenol: 317 mg/kg (rat)

LD50, dermal:

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	<i>Phenol: 850 mg/kg (rabbit)</i>
<i>LC50, inhalation:</i>	<i>Acetic acid: 11.4 mg/l (4h, rat)</i> <i>Phenol: 316 mg/l (4h, rat)</i>
<i>Primary effects</i>	
<i>Irritant effect on skin:</i>	<i>Acetic acid (64-19-7): caustic (rabbit; OECD 404)</i> <i>Phenol (108-95-2): caustic (rabbit)</i>
<i>Irritant effect on eyes:</i>	<i>Acetic acid (64-19-7): caustic (rabbit; OECD 405)</i> <i>Phenol (108-95-2): caustic (rabbit)</i>
<i>Inhalation:</i>	<i>No information available.</i>
<i>Ingestion:</i>	<i>No information available</i>
<i>Sensitization:</i>	<i>Acetic acid: not sensitizing</i> <i>Phenol: not sensitizing</i>
<i>Mutagenicity:</i>	<i>Acetic acid: not mutagenic (Bacterial Reverse Mutation Test; Ames-Test, OECD 471)</i> <i>Phenol: positive</i>
<i>Reproductive toxicity:</i>	<i>No relevant data found.</i>
<i>Carcinogenicity:</i>	<i>Product contains substances which can cause a cancerogenic effect.</i>
<i>Teratogenicity:</i>	<i>No relevant data found.</i>
<i>Specific target organ toxicity (STOT):</i>	<i>No relevant data found.</i>
<i>Additional toxicological information:</i>	<i>Acetic acid: acidosis, breathlessness, burning of the nasal and pharyngeal mucuous membranes, diarrhea, heart rhythm disorders, corneal clouding, circulatory collaps, stomach cramps, shock, nausea and vomiting.</i> <i>Phenol: breathlessness, dizziness, unconsciousness, vomiting, cardiovascular disruption, cough, collapse, headache, tinnitus, intoxication, insomnia, confusion.</i>

12. Ecological Information

12. 1. Aquatic Toxicity

Fish toxicity:

Acetic acid: LC50: 75 mg/l (96, Lepomis macrochirus); LC: 88 mg/l

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(96h, Pimephales promelas)

Phenol: LC50: 5 mg/l (96h, Onchorhynchus mykiss)

Daphnia toxicity:

Acetic acid: 47 mg/l (24h, Daphnia magna); > 300 mg/l (48h, Daphnia magna; OECD 202)

Phenol: EC50: 4.2 mg/l 48h, Daphnia magna)

Bacteria toxicity:

Acetic acid: EC50: 11 mg/l (15 min, Photobacterium phosphoreum); EC5: 2850 mg/l (16h, Pseudomonas putida)

Phenol: EC5: 64 mg/l (16h, Pseudomonas putida)

Algae toxicity:

Acetic acid: EC50: > 300 mg/l (72h, Skeletonema costatum)

Phenol: IC50: 150 mg/l (96h, Selenastrum capricornutum; OECD 201)

12.2. Persistency and Degradability

Acetic acid: > 99 % (30d), 98 % (20d); readily biodegradable

Phenol: 100 % (6d; OECD 302B); 85 % (14d; OECD 301C)

12.3. Bioaccumulation

Acetic acid: Bioconcentration factor (BCF): < 1

Phenol: Bioconcentration factor (BCF): 1.9 (Carassius auratus)

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

This product is neither a PBT or vPvB substance nor does it contain a PBT or vPvB substance.

12.6. Other Adverse Effects

Water hazard class:

2 (German Regulation) (Assessment by list): hazardous.

Do not let product contaminate ground water, waterways or sewage system.

Behaviour in sewage systems:

Further ecological effects:

Acetic acid: BOD5: 0.88 g/g

Phenol: BOB5: 1.68 g/g; COB: 2.3 g/g; ThOB: 2.26 mg/l

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Product can be taken to a waste disposal site according to local regulations.

Dispose of according to official national and local regulations.

European Waste Code (EWC):

180205 - Chemicals consisting of or containing dangerous substances

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Uncleaned packaging:

*Uncontaminated packaging may be recycled.
Dispose of according to official local regulations.
Suggested cleaning agent: water.*

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR (land transportation).

IMDG/IATA:

No hazardous goods according to IMDG.

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14.5. Environmental Hazards

None

14.6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

not applicable

14.8. Further Information

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

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Water hazard class:

2, hazardous for water (German Regulation)

Local regulations on chemical accidents:

Employment restrictions:

The employment restrictions for young workers in accordance with the Youth Employment Protection Law (94/33/EC) are to be observed.

Restriction and prohibition of application:

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment is not necessary for this product.

15. 3. Further Information

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.