

Safety Data Sheet

Creosote BPF Koppers - WEI-B, WEI-C, Tn Oil - UK

Replaces date: 04/06/2019

Revision date: 09/03/2023
Version: 11.0.0

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

1.1. Product identifier

Trade name: Creosote BPF Koppers - WEI-B, WEI-C, Tn Oil - UK

Unique Formula Identifier (UFI): UYKP-MWWX-630K-0JR0

Other Information: CLI number 02-2119552711-43

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

Recommended uses: Wood preservatives (PT 8).

Inadvisable uses: Biocide. Wood impregnation. Wood preservation (for outdoor use).

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Koppers International B.V.
Address: Molenlaan 55
Zip code: 1422 XN
City: Uithoorn
Country: NETHERLANDS
E-mail: SDS-CMC@koppers.eu
Phone: +45(0)63313100

1.4. Emergency Telephone Number

NCEC +44 1865 407333

Members of the public: 111 (NHS 111 (Scotland: NHS 24)).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Skin Irrit. 2;H315
Skin Sens. 1;H317
Eye Irrit. 2;H319
Carc. 1B;H350
Repr. 1B;H360Fd
Aquatic Acute 1;H400
Aquatic Chronic 1;H410

Most serious harmful effects: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause cancer. May damage fertility. Suspected of damaging the unborn child. Very toxic to aquatic life with long lasting effects.

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2.2. Label elements

Pictograms



Signal word:

Danger

Hazard Statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H350	May cause cancer.
H360Fd	May damage fertility. Suspected of damaging the unborn child.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P262	Do not get in eyes, on skin, or on clothing.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+352	IF ON SKIN: Wash with plenty of water.
P308+313	IF exposed or concerned: Get medical advice/attention.
P404	Store in a closed container.
P501	Dispose of contents/container in accordance with local regulation.

Supplemental information

Bioactive substance(s): Creosote (CAS 8001-58-9) (1000 kg / 1000 kg).

2.3. Other hazards

The product contains at least one PBT substance. The product contains at least one vPvB substance.

SECTION 3: Composition/information on ingredients

3.1. Substances

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin contact:	Remove contaminated clothing. Take off contaminated clothing and wash before reuse. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eye contact:	Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.
General:	When obtaining medical advice, show the safety data sheet or label.

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

Irritating to eyes. Causes a burning sensation and tearing. Irritating to skin - may cause reddening. May cause cancer. May cause sensitisation by skin contact. Symptoms include reddening, swelling, blistering and ulceration - often slowly developing. May damage fertility. Suspected of damaging the unborn child.

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

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock.

Unsuitable extinguishing media: Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Heating will cause a rise in pressure in packaging with a risk of bursting. Explosive mixtures may form with air when heated/exposed to fire. Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Stay upwind/keep distance from source. Stop leak if this can be done without risk. Wear gloves. Wear safety goggles. Wear suitable protective clothing.

For emergency responders: In addition to the above: Protective suit equivalent to EN 368, type 3, is recommended.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water. Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment.
See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Provide good ventilation. Avoid contact with skin and eyes. Wear protective skin cream on exposed skin before and during work shift. To reduce sun sensitivity a sun-blocking lotion (SPF 15+) can also be applied prior to application of a protective cream. Do not store, use and/or consume foods, beverages or tobacco products in the work room. Store personal protective equipment separately from other clothing. Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work. A workplace assessment must be conducted to ensure that employees are not exposed to effects that may involve a risk during pregnancy or when breastfeeding.

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7.2. Conditions for safe storage, including any incompatibilities

Do not expose to heat (e.g. sunlight). Keep in tightly closed original packaging. Store in a cool, dry place. Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Shelf life: minimum 10 years from opening the packaging.

7.3. Specific end use(s)

This safety data sheet contains general information concerning the chemical, but specific instructions and guidelines are indicated on the product label and in the instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit:	Contains no substances subject to reporting requirements
Measuring methods:	Compliance with occupational exposure limits may be checked by occupational hygiene measurements.
Legal basis:	EH40/2005 Workplace exposure limits. Last amended January 2020.

8.2. Exposure controls

Appropriate engineering controls:	Wear the personal protective equipment specified below.
Personal protective equipment, eye/face protection:	Wear safety goggles. Eye protection must conform to EN 166. Provide eyewash station.
Personal protective equipment, skin protection:	Wear suitable protective clothing.
Personal protective equipment, hand protection:	Wear gloves. Type of material: Nitrile rubber. Gloves must conform to EN 374. The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.
Personal protective equipment, respiratory protection:	Wear respiratory protective equipment. Filter type: A2/P3 Respiratory protection must conform to one of the following standards: EN 136/140/145.
Environmental exposure controls:	Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	Light brown
Odour	Aromatic
Solubility	< 0.1 g/l water @ 20°C

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Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	< 23 °C	
Freezing point	No data	
Initial boiling point and boiling range	250 - 400 °C	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Flash Point	> 95 °C	Pensky-Martens (closed cup)
Auto-ignition temperature	> 450 °C	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	< 5 cSt	@ 100°C
Partition coefficient n-octanol/water	No data	
Vapour pressure	< 10 Pa	@ 25°C.
Density	1020 - 1150 kg/m³	
Relative density	No data	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks
Explosive properties		Non-explosive
Oxidising properties		Non-oxidising.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Strong oxidisers.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

SECTION 11: Toxicological information

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

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Acute toxicity - oral:	Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.
Acute toxicity - dermal:	The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.
Acute toxicity - inhalation:	The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.
Skin corrosion/irritation:	Irritating to skin - may cause reddening.
Serious eye damage/eye irritation:	Irritating to eyes. Causes a burning sensation and tearing.
Respiratory sensitisation or skin sensitisation:	May cause sensitisation by skin contact. Symptoms include reddening, swelling, blistering and ulceration - often slowly developing.
Germ cell mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	May cause cancer.
Reproductive toxicity:	May damage fertility. Suspected of damaging the unborn child.
Single STOT exposure:	The product does not have to be classified. Test data are not available.
Repeated STOT exposure:	The product does not have to be classified.
Aspiration hazard:	The product does not have to be classified. Test data are not available.

11.2. Information on other hazards

Endocrine disrupting properties:	None known.
Other toxicological effects:	None known.

SECTION 12: Ecological information

12.1. Toxicity

Very toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Not expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulation can be expected.

12.4. Mobility in soil

Not expected to be mobile in soil.

12.5. Results of PBT and vPvB assessment

The product contains at least one PBT substance. The product contains at least one vPvB substance.

12.6. Endocrine disrupting properties

None known.

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12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

Category of waste: Product: EWC code: Depends on line of business and use, for instance 03 02 05* other wood preservatives containing hazardous substances
Absorbent/cloth contaminated with the product: EWC code: 15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances
15 01 10* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	3082	14.4. Packing group:	III
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	14.5. Environmental hazards:	The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l.
14.3. Transport hazard class(es):	9		
Hazard label(s):	9		
Hazard identification number:	90	Tunnel restriction code:	-

Inland water ways transport (ADN)

14.1. UN number or ID number:	3082	14.4. Packing group:	III
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	14.5. Environmental hazards:	The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l.
14.3. Transport hazard class(es):	9		
Hazard label(s):	9		
Transport in tank vessels:			

Sea transport (IMDG)

14.1. UN number or ID number:	3082	14.4. Packing group:	III
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	14.5. Environmental hazards:	The product must be labelled as a Marine Pollutant (MP) in packaging sizes of more than 5 kg/l.
14.3. Transport hazard class(es):	9	Environmental Hazardous Substance Name(s):	
Hazard label(s):	9		
EmS:	F-A, S-F	IMDG Code segregation group:	- None -

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Air transport (ICAO-TI / IATA-DGR)

14.1. UN number or ID number:	3082	14.4. Packing group:	III
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	14.5. Environmental hazards:	The product must be labelled as an environmental hazard (symbol: fish and tree) in packaging sizes of more than 5 kg/l.
14.3. Transport hazard class(es):	9		
Hazard label(s):	9		

14.6. Special precautions for user

None.

14.7. Maritime transport in bulk according to IMO instruments

MARPOL: Annex II Product name: Creosote (coal tar); Ship type: 2; Pollution category: Cat X

SECTION 15: Regulatory information

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

Special Provisions: Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product.
Directive 2012/18/EU (Seveso), E1 Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1: Column 2: 100 t, Column 3: 200 t.
The product contains at least one substance comprised by Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit), Annex XIV concerning authorisation.
Covered by:
Council Directive (EC) on the protection of young people at work.
Council Directive (EC) on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.
Regulation (EU) of the European Parliament and of the Council concerning the export and import of hazardous chemicals.

Regulation (EU) of the European Parliament and of the Council concerning the making available on the market and use of biocidal products.
The product is comprised by Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit), Annex XVII (entry 31) concerning restrictions.

Authorisations / limitations: Authorisation number: GB-2017-1017

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
11.0.0	09/03/2023		

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Abbreviations:

DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity

Training advice:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method:

Calculation based on the hazards of the known components.

List of relevant H-statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H350	May cause cancer.
H360Fd	May damage fertility. Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Country:

GB