



## SAFETY DATA SHEET

Prepared according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with later changes

Date of preparation: 01.12.2010  
Version No 3

Update date: 30.10.2017

### SECTION 1.

#### Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

### HIGH TEMPERATURE COAL TAR

(Coke tar, coal tar)

Liquid product of coal coking separated from raw coke oven gas by condensation, designed to further processing.

**Substance of unknown or variable composition, (UVCB)**

**Isolated transported intermediate**

**EC Number:** 266-024-0

**CAS Number:** 65996-89-6

**Index Number:** 648-082-00-2

**Registration number:** 01-2119511615-46-0052

**Relevant identified uses of the substance or mixture and uses advised against**

This substance is handled under Strictly Controlled Conditions in accordance with REACH regulation Article 18(4) for transported isolated intermediates.

The substance is primarily used for processing by distillation and production of several aromatic chemicals. Other potential applications: reducing agent in metallurgy, wetting agent for coal charge in coke production, fuel for industrial energy production. The uses are specified in the attached document.

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

**Manufacturer/Supplier:**

Koksownia Częstochowa Nowa Sp. z o.o.  
ul. Chłodna 51  
00-867 Warszawa

**Installation address and correspondence:**

Koksownia Częstochowa Nowa Sp. z o.o.  
ul. Odlewników 20  
42-200 Częstochowa  
tel. 0048 34 / 389-07-01  
fax. 0048 34 / 389-07-99  
REGON 141056327  
e-mail: koksownia@koksownianowa.pl  
www.koksownianowa.pl  
www.rkpk.pl

### 1.4. Emergency telephone

#### Information service:

Emergency office: 07:00 do 15:00 tel.: +48 34 389-07-61

piotr.bargiel@koksownianowa.pl

## SECTION 2.

### Hazards identification

#### 2.1. Classification of the substance or mixture

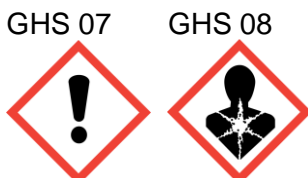
CLASSIFICATION ACCORDING TO REGULATION (EC) NO 1272/2008

Skin Sens. 1	H317
Muta. 1B	H340
Carc. 1A	H350
Repr. 1B	H360
Aquatic Chronic 3	H412

*The Classification is based on the European Registration Dossier*

#### 2.2. Label elements

Pictograms defining kinds of danger according to Regulation (EC) No 1272/2008



Signal Word: **Danger**

#### **Hazard statement**

H317	May cause an allergic skin reaction.
H340	May cause genetic defects.
H350	May cause cancer.
H360	May damage fertility or the unborn child.
H412	Harmful to aquatic life with long lasting effects.

#### **Precautionary statements**

##### *Prevention*

P260	Do not breathe mist.
P273	Avoid release to the environment.
P281	Use personal protective equipment as required.

##### *Response*

P363	Wash contaminated clothing before reuse.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.

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- P391 Collect spillage.  
*Storage*  
P405 Store locked up.  
*Disposal*  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### 3. Other hazards.

May exert carcinogenic influence, especially under elevated temperature and sun exposure.  
May cause irritations, especially under raised temperature, of eyes, respiratory system, and also skin when under prolonged exposure.  
This product is environmentally harmful. Air polluting vapours are dangerous. It is dangerous for underground waters and underground living organisms.  
Recommended transport and storage temperature 30 – 55°C.  
PBT and vPvB assessment is not required for Isolated transported intermediate.

## SECTION 3.

### Composition / information on ingredients

#### 3.1. Substances

Coal tar is substance of unknown or variable composition. It is liquid product separated from raw coke oven gas by condensation. According to different sources coal tar consist some thousands chemical compounds, hydrocarbons mainly with aromatic character.

<b>Dangerous components</b>	<b>CAS EINECS No</b>	<b>Content [%]</b>	<b>Regulation (EC) No 1272/2008</b>
Napthalene	202-049-5 91-20-3	9,0-11,0	Carc. 2; H351 Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Benzo(a)pirene	200-028-5 50-32-8	0,1-0,5	Carc. 1B; H350 Muta. 1B; H340 Repr. 1B; H360-FD Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Benzo(a)antracene	200-280-6 56-55-3	0,4-1,2	Carc. 1B; H350 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Benzo(b+k)fluoranten	205-911-9 205-99-2 205-916-6 207-08-9	0,5 - 1,4	Carc. 1B; H350 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Dibenzo(a,h)antracene	200-181-8 53-70-3	0,2-0,6	Carc. 1B; H350 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Chryzene	205-923-4 218-01-9	0,2- 0,8	Carc. 1B; H350 Muta. 2; H341 Aquatic Acute 1; H400 Aquatic Chronic 1; H410

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Benzo(e)pirene	205-892-7 192-97-2	0,2-0,5	Carc. 1B; H350 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Benzene	200-753-7 71-43-2	0,2-0,4	Flam. Liq. 2; H225 Carc. 1A; H350 Muta. 1B; H340 STOT RE 1; H372 Asp. Tox. 1; H304 Eye Irrit. 2; H319 Skin Irrit. 2; H315
Phenol	203-632-7 108-95-2	0,2-0,3	Muta. 2; H341 Acute Tox. 3; H331 Acute Tox. 3; H311 Acute Tox. 3; H301 STOT RE 2; H373 Skin Corr. 1B; H314

\* **Attention:** H statements are applied for 100% substance.

Full H statements are given in section 16 of SDS

### SECTION 4.

#### First aid measures

##### 4.1. Description of first aid measures

##### 4.1.1. First aid instructions by relevant routes of exposure.

Contact with eyes	Wash eyes with a lot of water immediately, 10 – 15 minutes minimum keep the eyelid wide open. Remove a contact lenses if used. Put aseptic dressing and contact with a doctor if necessary. Control examination of ophthalmologist is advisable.
Contact with skin	Remove dirt with linseed oil (or similar), then the place of contact wash immediately with warm soapy water, then rinse thoroughly under running water. Disinfect any abrasions or cuts. If irritation persists, contact your doctor.
Oral poisoning	Possibility of consumption by mistake unlikely. When swallowed in small amounts serve water or paraffin oil to wash out. Do not serve milk, do not induce vomiting. In special cases contact a doctor.
Inhalation	Remove inhaled person to fresh air. When discomfort prolongs, provide medical aid.

##### 4.1.2. General information

Medical help should be called in case of coke oven tar extensive contact with the skin, especially when coal tar is at a temperature above 40oC. Contact of tar with skin is dangerous, because of its high viscosity, which hinders its removal in case of contamination. It is recommended to remove victim's soiled clothing and shoes. Risk of infection increases in case of skin cut. Due to the chemical composition of coal tar coke thermal burns may generate subsequent serious injury.

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

The most common symptoms are: nausea, headache, weakness. In the case of the impact of a high concentration of vapors, possible irritation of respiratory tract.

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

None

### SECTION 5.

#### Firefighting measures

##### 5.1. Extinguishing media

###### *Suitable extinguishing media*

In the case of fire use appropriate extinguishing media (agents): foam, CO<sub>2</sub> units, powder or spreading stream of water, dry extinguishing media (sand, earth).

###### *Unsuitable extinguishing media*

Avoid using solid stream of water.

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

Product is flammable at elevated temperatures and in contact with ignition source. Do not inhale fumes formed under fire conditions because toxic components may be formed.

In the case of fire following substances may be released:

Carbon monoxide (CO)

Nitrogen oxides (NO<sub>x</sub>)

Sulphur dioxide (SO<sub>2</sub>)

Under certain fire conditions, traces of other toxic gases cannot be excluded, e.g.:

Polycyclic aromatic hydrocarbons (PAHs)

##### 5.3. Advice for firefighters

Use appropriate protective clothing, resistant to high temperatures, benzene and its homologues, as well as respiratory equipment. Cool endangered containers with water spray jet. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### SECTION 6.

#### Accidental release measures

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

###### 6.1.1. *For non-emergency personnel*

If necessary, give preliminary assistance, if possible help in evacuation from danger zone, call the appropriate service to provide first help.

###### 6.1.2. *For emergency responders*

All outside persons from danger zone must be removed. Persons without suitable protection are not allowed to the danger zone.

Use breathing protection against the effects of fumes/dust/aerosol.

Wear protective clothing (see chapter 8).

### 6.2. Environmental precautions

Do not allow product to reach sewage system or water bodies.  
In case of product releasing to environment, suitable services should be informed.

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

#### 6.3.1. Prevention

In areas of potential release to the environment use bunds and/or trenches to prevent spreading of the spill.

#### 6.3.2. Disposal

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).  
Place after the spill fill up with absorptive material, protect from potential ignition sources. Ensure adequate ventilation.

#### 6.3.3. Unsuitable methods

Never use a strong stream of water for removing (dispersion) of coal tar spill.

### 6.4. Reference to other sections

Dispose of contaminated material as waste according to item 13.  
See Section 8 for information on personal protection equipment.

## SECTION 7.

### Handling and storage

#### 7.1. Precautions for safe handling

##### 7.1.1. General recommendations

Keep basic safety precautions during production, storage and transport, do not allow release of vapors, use airtight sealing in places of higher vapor emission. Do not allow to heat above flash point (in closed crucible). Do not breathe vapors, protect skin and eyes. Change contaminated clothing immediately and wash separately. During pumping of large amounts of substance minimize linear velocity of the flow. Ground the installation. Do not use air for pumping. Don't use air for redrawing.

##### 7.1.2. Occupational hygiene

Respiratory protection and extinguishing agents should be ready to use. Do not eat or smoke when handling the substance. Wash hands after contact with coal tar. Immediately remove contaminated protective clothing.

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

Store in appropriate, adapted and marked (labeled) containers in accordance with fire and environmental protection regulations. Containers should be protected by using exhaust valve, fire-fighting safety device, lighting-conductor system, ground installation and spark safety protection, dry soil pipe and sprinkler and extinguishing systems. Container should be put on a protective tray. Do not store coal tar on the joint protective tray, spaces with other flammable products. Store in long distance from high temperature sources.

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

Coal tar is used primarily for processing by distillation. Other potential applications :  
reducing agent in metallurgy, wetting agent of coal charge in coke production, fuel for industrial energy production

### SECTION 8.

#### Exposure controls/personal protection

##### 8.1. Control parameters

Because marking of the harmfulness of coal tar does not exist, information about control of risk of for some chemical compounds contained in the product are given below.

According to Polish regulations

Component	TLV – TWA [mg/m <sup>3</sup> ]	TLV – STEL [mg/m <sup>3</sup> ]
Napthalene	20	50
Benzo(a)pyrene	0,002	-
Dibenzo(a,h)anthracene	0,004	-
PAH	0,002	-
Benzene	1,6	-
Phenole	7,8	-

##### 8.2. Exposure controls

Coal tar has been registered in accordance with Article 18 (4) of the REACH Regulation as a separate transported intermediate, which should be used in strictly controlled conditions. Chemical Safety Report and Exposure Scenarios are not required.

During contact with product (technological operations, transport) suitable protective measures should be taken for both minimizing the contact and assurance of required safety regulations. Depending on the results of measurements in the work environment, repeat or sharpen the conditions of airtight sealing.

###### 8.2.1 *Appropriate engineering controls*

Control measures consist of completing the measurements of concentrations of the substances listed in Subsection 8.1. by accredited laboratories.

###### 8.2.2. *Individual protection measures, such as personal protective equipment*

Respiratory protection	In case of intensified vapor exposure use gas filtration masks or breathing apparatus when needed.
Hand and skin	Use leather protective gloves according to suitable regulations. Gloves should be used only on clean hands. Use barrier cream for skin. Use suitable standard working clothes which should be often washed and changed. Use protective cream for skin.
Eye	Use protective glasses or face protection. Cool water should be available near the work stand.
Occupational hygiene	Consume meals and drinks only in designated areas. Smoking is permitted only in designated areas. Provide adequate ventilation in work in confined spaces.
Thermal hazard	As the temperature of storage and transportation of coal tar is about 50 – 60°C, for carrying out technological

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operations, one must comply with the completeness of protective clothing, with regard on combined action of chemical and thermal components of coal tar.

### 8.2.3. Environmental exposure controls

In order to protect the environment from exposure to coal tar, containers should be airtight and sealed to ensure spill acquisition in case of leakage. Containers and trays undergo annual inspection in accordance with the requirements for building facilities.

## SECTION 9

### Physical and chemical properties

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

<b>Appearance</b>	Dense liquid
<b>Color</b>	Black
<b>Odour</b>	Characteristic smell of carbochemical products and naphthalene
<b>Odour threshold</b>	Not determined (no available data)
<b>pH</b>	pH of water extract about 7
<b>Melting point/freezing point</b>	Not determined (complicated eutectic mixture)
<b>Initial boiling point and boiling range</b>	Temperature of initial boiling point ca. 100°C End of boiling ca. 380°C
<b>Flash point</b>	ca. 65 – 80°C (closed crucible method), ca. 100°C (open crucible method)
<b>Evaporation rate</b>	Not determined (insignificant in moderated temperature)
<b>Flammability (solid, gas)</b>	Not applicable for liquid
<b>Upper/lower flammability or explosive limits</b>	Not determined (no available data)
<b>Vapour pressure</b>	ca. 1,091 kPa (NF T 20-048 ANFOR Sept. 85)
<b>Vapour density</b>	Not determined (insignificant in moderated temperature)
<b>Relative density</b>	1,1 – 1,3 (water)
<b>Solubility(ies)</b>	13,5 mg/l (at 1g/l loading OECD 105)
<b>Partition coefficient: n-octanol/water</b>	Log Pow 3,4 – 3,7 (for naphthalene)
<b>Auto-ignition temperature</b>	Above 560°C
<b>Decomposition temperature</b>	Not applicable (no temperature decomposition)
<b>Viscosity</b> temp. 20°C temp. 70°C	0,1650 – 0,6550 Pa·s 0,0250 – 0,0265 Pa·s
<b>Explosive properties</b>	no explosive properties
<b>Oxidizing properties</b>	no oxidizing properties



### 9.2. Other information

<b>Content of distillate to 180°C</b>	Ca. 10 – 12%
<b>Toluene insoluble content</b>	max. 10%
<b>Ash content</b>	max. 0,08%
<b>Water content</b>	max. 5%

## SECTION 10

### Stability and reactivity

#### 10.1. Reactivity

Coal tar is not chemically reactive substance

#### 10.2. Chemical stability

Coal tar is chemically stable substance

#### 10.3. Possibility of hazardous reactions

No dangerous reaction known.

#### 10.4. Conditions to avoid

Avoid contact with open flame, ignition sources, sparks, especially at elevated temperature.

#### 10.5. Incompatible materials

Avoid contact with strong oxidant.

#### 10.6. Hazardous decomposition products

No dangerous decomposition products known

## SECTION 11

### Toxicological information

The irritating effect, after prolonged contact symptoms of poisoning occur. Difficulties in breathing, headache, nausea and vomiting are possible.

#### 11.1. Information on toxicological effects

Severe irritation of respiratory tract and mucous membranes of eyes after consumption or inhalation as well as fatigue, sleepiness, dizziness and headache. Data in accordance with registration dossier:

##### *Acute toxicity:*

Oral	Coal tar, dose	Value
Sensitization	LD <sub>50</sub> NOAEL (90d) Skin sens.	>2000 mg/kg (rat) (OECD 423) 350 mg/kg/d (mouse) (OECD 408) LLNA positive (mouse) (OECD 429)



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### *Skin corrosion/irritation*

At prolonged exposure of the skin, an irritation is possible.

In combination with UV-light, irritation of skin (phototoxic effects) may occur.

### *Serious eye damage/irritation*

Irritation of the mucous membranes is possible.

### *Respiratory or skin sensitization*

Sensitization of the skin is possible on repeated skin contact.

### *Germ cell mutagenicity*

Coal tar is mutagenic product according to Ames – salmonella test.

### *Carcinogenicity*

Coal tar show carcinogenic effect (category 1)

	Test	Value
Coal tar	LOEL (Carc.) – oral mouse (OECD 451)	120 mg/kg/d
	NOEL (Carc.)(dynamic) – oral mouse (OECD 451)	36 mg/kg/d
	Mutag. Oral bacteria (OECD 271)	positive

### *Reproductive toxicity*

The product can cause inheritable damage.

### *Aspiration hazard*

Swallowing and penetration through respiratory tract may be dangerous.

## SECTION 12

### Ecological information

#### 12.1. Toxicity

Substance is harmful for ground and surface water as well as soil and air (in elevated temperatures). Has damaging influence on water and soil organisms, as well as on plants and animals. Prevent product penetration into open water reservoirs, especially to sources of drinking water.

**On the basis on ecotoxicological studies carried out for sample of coal tar (for sweet water) in Institute of Organic Industry, Department in Pszczyna (Certificate GLP) in July 2007, coal tar was classified as harmful substance for aquatic organisms, with hazard statement H 412 without pictogram (R 52/53, without symbol N)**

Results from investigation on representative sample of coal tar in Institute of Organic Industry, Department in Pszczyna, July 2007. Owner of results is Polish Coking factory Kombinat Koksochemiczny Zabrze S.A.

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### Studies in open system

#### INVESTIGATION OF ACUTE TOXICITY

Compound	Method	Value	Unit
Coal tar	LC <sub>50</sub> - fish (Oncorhynchus mykiss)	>100	mg/l (24h)
	LC <sub>50</sub> - fish (Oncorhynchus mykiss)	>100	mg/l (48h)
	LC <sub>50</sub> - fish (Oncorhynchus mykiss)	>100	mg/l (72h)
	LC <sub>50</sub> - fish (Oncorhynchus mykiss)	>100	mg/l (96h)
	LC <sub>0</sub> - fish (Oncorhynchus mykiss)	≥100	mg/l (24h)
	LC <sub>0</sub> - ryby (Oncorhynchus mykiss)	≥100	mg/l (48h)
	LC <sub>0</sub> - fish (Oncorhynchus mykiss)	≥100	mg/l (72h)
	LC <sub>0</sub> - fish (Oncorhynchus mykiss)	≥100	mg/l (96h)
	LC <sub>100</sub> - fish (Oncorhynchus mykiss)	>100	mg/l (24h)
	LC <sub>100</sub> - fish (Oncorhynchus mykiss)	>100	mg/l (48h)
	LC <sub>100</sub> - fish (Oncorhynchus mykiss)	>100	mg/l (72h)
	LC <sub>100</sub> - fish (Oncorhynchus mykiss)	>100	mg/l (96h)
	EC <sub>50</sub> - dalphnia (Daphnia magna)	>100	mg/l (24h)
	EC <sub>50</sub> - dalphnia (Daphnia magna)	41,84	mg/l (48h)
	EC <sub>0</sub> - dalphnia (Daphnia magna)	1,0	mg/l (24h)
	EC <sub>0</sub> - dalphnia (Daphnia magna)	<1,0	mg/l (48h)
	EC <sub>100</sub> - dalphnia (Daphnia magna)	>100	mg/l (24h)
	EC <sub>100</sub> - dalphnia (Daphnia magna)	>100	mg/l (48h)

#### SLOW DOWN of GROWTH INVESTIGATION (for coal tar)

Compound	Method	Value	Unit
Coal tar	E <sub>r</sub> C <sub>50</sub> – algae (Pseudokirchneriella subcapitata)	8,30	mg/l (24h)
	E <sub>r</sub> C <sub>50</sub> – algae (Pseudokirchneriella subcapitata)	21,49	mg/l (48h)
	E <sub>r</sub> C <sub>50</sub> – algae (Pseudokirchneriella subcapitata)	18,82	mg/l (72h)
	E <sub>r</sub> C <sub>20</sub> – algae (Pseudokirchneriella subcapitata)	2,44	mg/l (24h)
	E <sub>r</sub> C <sub>20</sub> – algae (Pseudokirchneriella subcapitata)	5,35	mg/l (48h)
	E <sub>r</sub> C <sub>20</sub> – algae (Pseudokirchneriella subcapitata)	5,72	mg/l (72h)
	E <sub>r</sub> C <sub>10</sub> – algae (Pseudokirchneriella subcapitata)	1,62	mg/l (24h)
	E <sub>r</sub> C <sub>10</sub> – algae (Pseudokirchneriella subcapitata)	3,37	mg/l (48h)
	E <sub>r</sub> C <sub>10</sub> – algae (Pseudokirchneriella subcapitata)	3,85	mg/l (72h)
	E <sub>y</sub> C <sub>50</sub> – algae (Pseudokirchneriella subcapitata)	6,44	mg/l (24h)
	E <sub>y</sub> C <sub>50</sub> – algae (Pseudokirchneriella subcapitata)	14,92	mg/l (48h)
	E <sub>y</sub> C <sub>50</sub> – algae (Pseudokirchneriella subcapitata)	18,87	mg/l (72h)
	E <sub>y</sub> C <sub>20</sub> – algae (Pseudokirchneriella subcapitata)	1,94	mg/l (24h)
	E <sub>y</sub> C <sub>20</sub> – algae (Pseudokirchneriella subcapitata)	3,94	mg/l (48h)
	E <sub>y</sub> C <sub>20</sub> – algae (Pseudokirchneriella subcapitata)	6,64	mg/l (72h)
	E <sub>y</sub> C <sub>10</sub> – algae (Pseudokirchneriella subcapitata)	1,30	mg/l (24h)
	E <sub>y</sub> C <sub>10</sub> – algae (Pseudokirchneriella subcapitata)	2,53	mg/l (48h)
	E <sub>y</sub> C <sub>10</sub> – algae (Pseudokirchneriella subcapitata)	4,69	mg/l (72h)

Results obtained from studies on representative sample of coal tar in closed system in July 2010 are given below. Owner of results is Institute for Chemical Processing of Coal.

#### INVESTIGATION OF ACUTE TOXICITY

	Method	Value
Coal tar	EC <sub>50</sub> – (Daphnia magna)	40,6 mg/l (24h)
	EC <sub>50</sub> – (Daphnia magna)	24 mg/l (48h)
	EC <sub>0</sub> – (Daphnia magna)	18 mg/l (24h)
	EC <sub>0</sub> – (Daphnia magna)	10 mg/l (48h)
	EC <sub>100</sub> – (Daphnia magna)	56 mg/l (24h)
	EC <sub>100</sub> – (Daphnia magna)	56 mg/l (48h)

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

Assessment of PBT and vPvB was not carried out

### 12.6. Other adverse effects

Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

Hazardous for drinking water even in extremely small leakage into soil.

## SECTION 13

### Disposal considerations

#### 13.1. Waste treatment methods

##### *Proceeding with waste*

Avoid releasing to environment according to chemical products processing standards. Act on legal regulations relating to protection of water and soil before pollution. Method of disposal should be coordinated with Department of Environmental Protection of Provincial Office. If possible polluted waste should be transferred to recycling. Waste disposal not allowed.

##### *Method of used packaging removal*

Contaminated packaging should be transferred to authorized recipient of waste - recycling company working according to valid obligations. Reusable packaging (cisterns) should be exclusively used.

## SECTION 14

### Transport information

Product is not a harmful substance by means of transportation regulation, according to Agreement ADR/RID if is transported in temperature below *Flash point (closed crucible)*. Confirmation by certificate of authorized unit is required.

#### 14.1. UN number

Not applicable

#### 14.2. UN proper shipping name

Not applicable

#### 14.3. Transport hazard class(es)

Not applicable

#### 14.4. Packing group



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Not applicable

### 14.5. Environmental hazards

Not applicable

### 14.6. Special precautions for user

Not applicable

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

#### Maritime Bulk Transport (IMO-IBC)

Listed in the "Report of the Maritime Environment Protection Committee ", Chapter 17

Shipping Name: Coal Tar

#### Maritime transport IMDG:

IMDG Class: 9

UN Number: 3082

Label 9

Packaging group: III

EMS Number: F-A,S-F

Marine pollutant: Symbol (fish and tree)

Correct technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Coal tar)

#### Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: 9

UN/ID Number: 3082

Label 9

Special marking: Symbol (fish and tree)

Packaging group: III

Correct technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Coal tar)

## 15. REGULATORY INFORMATION

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

National regulations

### 15.2. Chemical safety assessment

Chemical Safety Report is not required for Isolated transported intermediate

## SECTION 16

### Other information

Safety data Sheet had been prepared according to COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Source of information:

Registration Dossier prepared by Lead Registrant (RÜTGERS Basic Aromatics GmbH)



## SAFETY DATA SHEET

Prepared according to Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with later changes

Date of preparation: 01.12.2010  
Version No 3

Update date: 30.10.2017

IUCLID Data Bank (European Commission – European Chemicals Bureau);

### Full H statements

*These H statements refer to section 2: "Dangerous Components".*

H225 Highly flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H340 May cause genetic defects.  
H350 May cause cancer.  
H351 Suspected of causing cancer.  
H360 May damage fertility or the unborn child.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

### Version No 2 of SDS

#### Changes made in SDS 15.11.2016:

- Removing of classification according to Directive No 67/548/EWG
- Changes in titles of sections according to Regulation (EC) No 2015/830
- Small editorial changes

### Version No 3 of SDS

#### Changes made in SDS 30.10.2017:

- Small editorial changes

**This version of SDS replaces all previous version of it.**

All of the above data are based on our knowledge. At the same time they do not guarantee any specific product evaluation and they can not be used as the basis of any legally solid agreements. Above information is given for description of product from safety point of view.

### Delivering data unit:

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