

This Safety Data Sheet is prepared according to "Regulation on the Safety Data Sheets Relating to Hazardous Substances and Mixtures" published with the date of 13 December 2014 and No.29204 at Official Gazette.

1- IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Material Name: Petroleum Coke

CAS No : 64741-79-3

EC No : 265-080-3

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

It is used as fuel.

1.3 Details of the supplier of the substance or mixture

Manufacturer/Supplier : Tüpraş

Adress : Türkiye Petrol Rafinerileri A.Ş. Genel Müdürlüğü KÖRFEZ / KOCAELİ

Telephone : 0-262 316 30 00

Fax : 0-262 316 30 10-11

e-mail : omer.ocak@tupras.com.tr

sinasi.seymenbasi@tupras.com.tr

1.4 Emergency Telephone Number

Telephone : 114 (UZEM)

2- HAZARD IDENTIFICATION

2.1 Classification of substance or mixture

Not classified.

2.2 Label Elements

Symbol : None.

Uyarı kelimesi: None.

Hazard statements:

Physical hazards: Not classified.

Health hazards: Not classified.

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Precautionary statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P314: Get medical advice/attention if you feel unwell.

P501: Dispose of contents/container to Comply with applicable local and national regulation.

2.3 Other hazards

No data.

3- COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substance**

CAS NO:	EINECS NO:	Chemical Composition	Conct.	Risk Phrases
64741-79-3	265-080-3	Coker Unit Rezid	%100	Not classified as hazardous

3.2 Mixtures

Not applicable.

4- FIRST AID MEASURES**4.1 Description of First Aid Measures**

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of breathing difficulties administer oxygen. Give artificial respiration if necessary. Seek medical advice.

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Skin Contact: Take off immediately all contaminated clothing, including underwear and shoes . Rinse thoroughly with plenty of water and take medical advice.

Eye contac: Rinse with plenty of water, keeping eyelids open. If redness or pain, a doctor should be checked.

Ingestion: If swallowed, do not induce vomiting: transport to nearest medical facility for additional treatment.

4.2 Most important symptoms/effects, acute & delayed

Dust may irritate the eyes and the respiratory system.

4.3 Indication of immediate medical attention and special treatment needed

In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation.

5- FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Water spray. Water fog. Dry chemical powder. Carbon dioxide (CO2).

5.2 Special hazards arising from substance or mixture

Vapours may cause fire/explosion if source of ignition is present. May release flammable gases.

5.3 Advice for fire-fighters

Trained to use fire protective clothing and oxygen mask in place it should be put off by the staff.

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6- ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8.

6.2 Environmental precautions

Do not discharge into drains or the environment. Do not discharge into surface water.

6.3 Methods and material for containment and cleaning up

Sweep or shovel spills into appropriate container for disposal. Dispose of this material and its container to hazardous or special waste collection point. Avoid raising powdered materials into airborne dust. Do not empty into drains or the aquatic environment.

6.4 Reference to other sections

Refer to sections 8 and 13.

7- HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide good ventilation in the work environment and avoid inhaling the vapor formed during use.

Using eating, drinking and refrain from smoking. Remove contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from open flames, hot surfaces and sources of ignition. Keep container tightly closed. Store at room temperature.

7.3 Specific end use

No additional information available.

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8- EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Recommended threshold value is below.

ACGIH TWA : 5 mg/m³

8.2 Exposure controls



8.2.1 Appropriate engineering controls

Provide adequate ventilation.

8.2.2 Personal protective precautions

Eye protection: Chemical goggles or safety glasses.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection: Avoid breathing dust/fume/gas/mist/vapours/spray.

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9- PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

	Test Unit	Guarantee	Test Method
Appearance		Black	Visual inspection
Odour		Hydrocarbon	
Odour threshold		No data	
pH		No data	
Melting point / freezing point		No data	
Initial boiling point and boiling range		No data	
Evaporation rate		No data	
Flammability		No data	
Upper / lower flammability or explosive limits		No data	
Vapor Pressure		No data	
Vapor density		No data	
Relative density (at 15 °C)		No data	
Resolution		No data	
Partition coefficient: n-octanol / water		No data	
Decomposition temperature		No data	
Fluidity (Viscosity)		No data	
Explosive properties		No data	
Oxidising properties		No data	

9.2 Other Information

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Mixibility	No data
Oil solubility	No data
conductivity	No data

10-STABILITY AND REACTIVITY

10.1 Reactivity

No additional data.

10.2 Chemical Stability

Stable under normal conditions of use.

10.3 Possibility of Hazardous Reactions

There is no danger of the polymerization.

10.4 Conditions to avoid

Keep away from sources of ignition.

10.5 Incompatible materials

Strong reduced (oxidizing) avoid contact with agents.

10.6 Hazardous decomposition products

On burning: release of (highly) toxic gases/vapours.

11-TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Eye contact : Dust may irritate the eyes.

Skin contact : No adverse effects due to skin contact are expected.

Ingestion : Ingestion may cause irritation and malaise.

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Inhalation : Dust may irritate respiratory system.

12- ECOLOGICAL INFORMATION**12.1 Toxicity**

No data available.

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

Products classified as PBT or vPvB.

12.6 Other adverse effects

No data available.

13-DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

The current must be disposed of according to regulations by licensed staff.

14-TRANSPORT INFORMATION

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Not classified as dangerous. (ADR, RID, UN, IMO, IATA/ICAO)

15 REGULATORY INFORMATION

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

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16- OTHER INFORMATION

The information presented about health, safety and environment issues in this safety data sheet was given by considering of best knowledge and reliable sources at the date of its preparation. Although maximum effort was shown, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

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