

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: Extract

CAS No : 64742-04-7

EC No : 265-103-7

Other Names of Products:

Tüpraş-1310 Spindle Extract

Tüpraş-1320 Light Neutral Extract

Tüpraş-1330 Heavy Neutral Extract

Tüpraş-1340 Bright Stock Extract

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

Used as process oil, as extender oil in rubber industry. Used as feedstock for petroleum product manufacture, as blending component

1.3 Details of the supplier of the substance or mixture

Manufacturer/Supplier : Tüpraş

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

Telephone : +90-262 316 30 00

Fax : +90-262 316 30 10-11

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

sinasi.seymenbasi@tupras.com.tr

1.4 Emergency Telephone Number

Telephone : 114 (UZEM)

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2- HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

Carcinogenicity, Category 1B	H350
Hazardous to the aquatic environment, Category 3	H412

2.2 Label Elements

Symbols:



Signal Word: Danger

Hazard statements:

Physical Hazards: Not classified as dangerous

Health hazards:

H-350 May cause cancer

Environmental Hazards

H-412 Harmful to aquatic life with long-lasting effects

Precautionary statements:

Prevention:

P201- Obtain special instructions before use.

P202- Do not handle until all safety precautions have been read and understood.

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P281- Use personal protective equipment.

Response:

P308+P313- If exposed: Call a POISON CENTER or doctor/physician

Disposal:

P501 - Dispose of contents/container to local, regional, national, territorial, provincial, and international regulations

2.3 Other hazards

No data available.

3- COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

CAS NO:	EINECS NO:	Chemical Composition	% Conc.	Risk Phreases
64742-04-7	265-103-7	Extracts (petroleum), light paraffinic distillate solvent (C20-C30)	%100	Carcinogenicity, Category 1B H350 Hazardous to the aquatic environment, Category 3 H412

3.2 Mixtures

Not applicable

4- FIRST - AID MEASURES

4.1 Description of First Aid Measures

Inhalation: If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice.

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Skin Contact: Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin. If hot product causes burns, the effected area should be flooded immediately with, or immersed in cold water for 10 minutes, or longer if pain persists. Burns should be covered with clean cotton or gauze, and the casualty taken to hospital as soon as possible for examination and treatment. Never use gasoline, kerosene or other solvents to remove fuel oil from skin or clothing.

Eye Contact: Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open. Obtain medical advice if any pain or redness develops or persists. If hot material enters the eye, flood immediately with cold water to dissipate the heat, if possible, ensuring eyelids are held open. Take the casualty to hospital for examination and treatment without delay.

Ingestion: If contamination of the mouth occurs, wash out thoroughly with water. Except as a deliberate act, the ingestion of large amounts of product is unlikely. If it should occur, do not induce vomiting; obtain medical advice.

4.2 Most important symptoms/effects, acute & delayed

Prolonged or repeated skin contact may cause drying, cracking, or irritation.

4.3 Indication of immediate medical attention and special treatment needed

There are no specific antidotes or other therapeutic measures, treat symptomatically.

5- FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Use foam, dry powder or water fog. DO NOT USE water jets. Avoid spraying directly into storage containers because of the danger of boil-over.

5.2 Special hazards arising from substance or mixture

Combustion results from toxic gases. It can burn at high temperatures.

5.3 Advice for fire-fighters

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For major fires call the Fire Service. Ensure an escape path is always available from any fire.

Use foam, dry powder or water fog. DO NOT USE water jets. Avoid spraying directly into storage containers because of the danger of boil-over. Fires in confined spaces should be dealt with by trained personnel wearing approved breathing apparatus.

6- ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8.

6.2 Environmental precautions

Spilled material may make surfaces slippery. Scrape up bulk of solid material and remove liquid with sand or other suitable inert absorbent material. In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment.

6.3 Methods and material for containment and cleaning up

Recovery of large spillages should be effected by specialist personnel. Large and uncontained spillages should be smothered with foam to reduce the risk of ignition. The foam blanket should be maintained until the area is declared safe.

6.4 Reference to other sections

Refer to sections 8 and 13.

7- HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure good ventilation and avoid as far as reasonably practicable the inhalation and contact with vapours, mists or fumes which may be generated during use. Avoid contact with skin and observe good personal hygiene. Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate. Wash hands thoroughly after contact. Use disposable cloths and discard when soiled. Do not put soiled cloths into pockets.

7.2 Conditions for safe storage, including any incompatibilities

Store and dispense only in well ventilated areas away from heat and sources of ignition. Store and use only in equipment/containers designed for use with this product. Containers must be

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properly labelled and kept closed when not in use. Do not remove warning labels from containers. Empty packages may contain some remaining product. Retain hazard warning labels on empty packages as a guide to the safe handling, storage and disposal of empty packaging. Do not enter storage tanks without breathing apparatus unless the tank has been well ventilated and the tank atmosphere has been shown to contain hydrocarbon vapour concentrations of less than 1% of the lower flammability limit and an oxygen concentration of at least 20% volume.

7.3 Specific end use

Except as provided in Section 1.2 is not required to offer any specific suggestions.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

ACGIH

TLV/TWA 5 mg/m³ Vapour (ACGIH)

TLV/STEL 10 mg /m³ Vapour (ACGIH)

There is no appropriate occupational exposure limit for this material. Ensure good ventilation. Avoid, inhalation of vapour, mists or fumes generated during use. If vapour, mists or fumes are generated, their concentration in the workplace air should be controlled to the lowest reasonably practicable level.

8.2 Exposure controls



8.2.1 Appropriate engineering controls

Ensure good ventilation

8.2.2 Personal protective precautions

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Personal protective equipment:

Eyes: Wear face visor or goggles in circumstances where eye contact can accidentally occur.

Skin: If skin contact is likely, wear impervious protective clothing and/or gloves.

Clothes: Protective clothing should be regularly inspected and maintained; overalls should be dry- cleaned, laundered and preferably starched after use.

Inhalation: If operations are such that exposure to vapour, mist or fume may be anticipated, then suitable approved respiratory equipment should be worn.

9- PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

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	Test Unit	Guarantee	Test Method
Appearance		Dark Brown, liquid	Visual inspection
Odour		No data	
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)		0,9523-1,0137	ASTM D 1298 ASTM D 4052
Resolution		No data	
Partition coefficient: n-octanol / water		No data	
Decomposition temperature		No data	
Fluidity (Viscosity) (at 100 °C)	cSt	2,6 – 65,0	ASTM D 445
Ignition temperature	°C	180 min	ASTM D 92
Explosive properties		No data	
Oxidising properties		No data	

9.2 Other Information

Mixibility	No data
Oil solubility	No data
Conductivity	No data

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10- STABILITY AND REACTIVITY

10.1 Reactivity

In case of combustion, CO₂, SO₂, NO_x, CO may form.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of Hazardous Reactions

Avoid contact with strong oxidizing agents.

10.4 Conditions to avoid

Avoid heat, sparks, open flames and other ignition source.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

Carbon oxides, Sulfur oxides, Hydrocarbons.

11- TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Eye contact: Direct contact with eyes may cause temporary irritation.

Skin contact: Repeated exposure may cause skin dryness or cracking.

Ingestion: There is no information.

12- ECOLOGICAL INFORMATION

12.1 Toxicity

Harmful to aquatic organisms, may cause long term effects in the aquatic environment.

12.2 Persistence and degradability

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There is accumulation in the soil. This product can be dissolved in the earth without harming the environment.

12.3 Bioaccumulative potential

Data is not available.

12.4 Mobility in soil

This product is soluble in water limited.

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

May cause long-term adverse effects in the environment.

13- DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of by incineration or other suitable means under conditions approved by the local authority or via a licensed waste disposal contractor. At sea, used or unwanted product should be stored for eventual discharge into port approved waste oil disposal facilities.

14- TRANSPORT INFORMATION

Land transport (ADR/RID):

ADR:

14.1 UN Number : 3082

14.2 UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

14.3 Transport hazard class(es) : 9

14.4 Packing group : III

14.5 Environmental hazards : Environmentally Hazardous

14.6 Special precautions for user : Refer to Chapter 7

RID:

14.1 UN Number : 3082

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14.2 UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

14.3 Transport hazard class(es) : 9

14.4 Packing group : III

14.5 Environmental hazards : Environmentally Hazardous

14.6 Special precautions for user : Refer to Chapter 7

Inland waterways transport (ADN):

14.2 UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

14.3 Transport hazard class(es) : 9

14.4 Packing group : III

14.5 Environmental hazards : Environmentally Hazardous

14.6 Special precautions for user : Refer to Chapter 7

Sea transport (IMDG Code):

14.1 UN Number : 3082

14.2 UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

14.3 Transport hazard class(es) : 9

14.4 Packing group : III

14.5 Marine pollutant : Yes

14.6 Special precautions for user : Refer to Chapter 7

Air transport (IATA):

14.1 UN Number : 3082

14.2 UN proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

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14.3 Transport hazard class(es) : 9

14.4 Packing group : III

14.5 Environmental hazards : Environmentally Hazardous

14.6 Special precautions for user : Refer to Chapter 7

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data.

15- REGULATORY INFORMATION

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

This Safety Data Sheet, Environment and Urban Planning Ministry by December 13, 2014 date and 29204 numbered published in the Official Gazette of Hazardous Substances Regulation on safety data sheets of mixtures' Environment and Forestry and the Ministry of 26 by December 2008, and 27092 (bis) Official Gazette published "Classification of Hazardous Substances and preparations Regulations on Packaging and Labelling 'base is based.

16- OTHER INFORMATION

Hazard Statements:

H-350 May cause cancer

H-412 Harmful to aquatic life with long-lasting effects

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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