

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: Slack Wax**

**Spindle Slack Wax**

**CAS No : 64742-61-6**

**EC No : 265-165-5**

### Other Names of Products:

**Tüpraş-1410 Spindle Slack Wax**

**Tüpraş-1420 Light Neutral Slack Wax**

**Tüpraş-1430 Heavy Neutral Slack Wax**

**Tüpraş-1440 Bright Stock Slack Wax**

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

It is generally used for manufacture of candle, covering paper and production of match and polish in industry.

### 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 : +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)**

## 2- HAZARDS IDENTIFICATION

### 2.1 Classification of substance or mixture

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Carcinogenicity, Category 1B

H350

## 2.2 Label Elements

### Symbols:



### Hazard statements:

**Physical Hazards:** Not classified as dangerous

### Health hazards:

**H-350** May cause cancer

### Precautionary statements:

### Prevention:

**P201-** Obtain special instructions before use.

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

**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.

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### 3- COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substance

CAS NO:	EINECS NO:	Chemical Composition	% Conc.	Risk Phreases
64742-61-6	265-165-5	It's a mixture of hydrocarbons predominantly in the range of C22 and C28.	100	Carcinogenicity, Category 1B H350

#### 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.

**Skin Contact:** Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin.

**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 or 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

**Skin Contact:** May cause eye and skin irritation.

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**Ingestion:** Swallowing may cause nausea and vomiting, do not try to vomit.

#### **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. Ensure an escape path is always available from any fire.

#### **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**

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**

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**

Spilled material may make surfaces slippery. Scrape up bulk of solid material and remove liquid with sand or other suitable inert absorbent material. Large and uncontained spillages should be smothered with foam to reduce the risk of ignition. Recovery of large spillages should be effected by specialist personnel. The foam blanket should be maintained until the area is declared safe. In the event of spillages contact the appropriate authorities.

#### **6.4 Reference to other sections**

Refer to sections 8 and 13.

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## 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 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 packaging 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

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.

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## 8.2 Exposure controls



### 8.2.1 Appropriate engineering controls

Ensure good ventilation.

### 8.2.2 Personal protective precautions

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

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

**Clothes:** Protective clothing should be regularly inspected and maintained.

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## 9- PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

	Test Unit	Guarantee	Test Method
Appearance		Pale yellow , liquid	Visual inspection
Odour		No data	
Odour threshold		No data	
pH		No data	
Melting point / freezing point	°C	40-60	ASTM D 127
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 70 °C)		0,7793-0,8757	ASTM D 1298
Resolution		No data	
Partition coefficient: n-octanol / water		No data	
Decomposition temperature		No data	
Fluidity (Viscosity) ( at 100 °C)	cSt	2,0 – 18,0	ASTM D 445
Ignition temperature	°C	160 min	ASTM D 92
Explosive properties		No data	
Oxidising properties		No data	

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## 9.2 Other Information

Mixibility	No data
Oil solubility	No data
Conductivity	No data

## 10- STABILITY AND REACTIVITY

### 10.1 Reactivity

In case of combustion, CO<sub>2</sub>, SO<sub>2</sub>, NO<sub>x</sub>, 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

Extremes of temperature and direct sunlight.

### 10.5 Incompatible materials

Strong oxidising agents.

### 10.6 Hazardous decomposition products

Hazardous decomposition products are not expected to form during normal storage.

## 11- TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Acute Oral Toxicity:** Expected to be of low toxicity: LD<sub>50</sub> > 5000 mg/kg , Rat

**Acute Dermal Toxicity:** Expected to be of low toxicity: LD<sub>50</sub> >2000 mg/kg , Rabbit

**Skin Corrosion/Irritation:** Expected to be slightly irritating. Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.



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**Respiratory Irritation:** Inhalation of vapours or mists may cause irritation to the respiratory system.

## 12- ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Acute Toxicity:** May cause damage to the aquatic organisms.

**Fish:** Expected to be practically non toxic: LL/EL/IL50 > 100 mg/l

**Aquatic Invertebrates:** Expected to be practically non toxic: LL/EL/IL50 > 100 mg/l

**Algae:** Expected to be practically non toxic: LL/EL/IL50 > 100 mg/l

**Microorganisms:** Expected to be practically non toxic: LL/EL/IL50 > 100 mg/l

### 12.2 Persistence and degradability

Expected to be inherently biodegradable.

### 12.3 Bioaccumulative potential

Contains components with the potential to bioaccumulate.

### 12.4 Mobility in soil

If it enters soil, it will adsorb to soil particles and will not be mobile.

### 12.5 Results of PBT and vPvB assessment

Not applicable

### 12.6 Other adverse effects

Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

## 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.

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## 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

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

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**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,**

**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**

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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

This data sheet and the health, safety and environmental information it contains is considered to be accurate as of the date specified below. We have reviewed any information contained herein which we received from sources outside TÜPRAŞ. However, no warranty or representation, express or implied is made as to the accuracy or completeness of the data and information contained in this data sheet.

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