

## **SOLVENT NAPHTHA**

### **1 IDENTIFICATION OF THE PRODUCT AND THE COMPANY**

#### **1.1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION:**

**Trade name:** Solvent naphtha (petroleum), light arom

#### **1.2 IDENTIFICATION OF THE COMPANY:**

RAR Resin & Chemical Industries JLT  
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Tel: +971 4 4356516 / +971 4 4356517 Email: info@rarresin.com  
Fax: +971 4 4356518 Website: www.rarresin.com

### **2 COMPOSITION / INFORMATION ON INGREDIENTS**

**Chemical characterization:**

**CAS No. Description**

64742-95-6 Solvent naphtha (petroleum), light arom.

**Identification number(s)**

**EINECS Number:** 265-199-0

**Index number:** 649-356-00-4

### **3 HAZARDS IDENTIFICATION**

**Hazard description:**



*Carc. Cat. 2, Muta. Cat. 2  
T Toxic*

**Information concerning particular hazards for human and environment:**

R 45 May cause cancer.

R46 May cause heritable genetic damage.

R 65 Harmful: may cause lung damage if swallowed.

### **4 FIRST-AID MEASURES**

**After Inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Generally the product does not irritate the skin.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor.

### **5 FIRE FIGHTING MEASURES**

**Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Protective equipment:** No special measures required

#### **DISCLAIMER**

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## 6 ACCIDENTAL RELEASE MEASURES

**Person-related safety precautions:** No required.

**Measures for environmental protection:** Do not allow to enter sewers / surface or ground water.

**Measures for cleaning / collecting:**

Dilute with plenty of water.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

## 7 HANDLING AND STORAGE

**Handling:**

**Information for safe handling:**

Open and handle receptacle with care.

**Information about fire-and explosion protection:**

Keep respiratory protective device available.

**Storage:**

**Requirements to be met by storerooms and receptacles:** No special requirements

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Additional information about design of technical systems:** No further data;

**Ingredients with limit values that require monitoring at the workplace:** Not required.

Additional information: The lists valid during the making were used as basis.

**Personal protective equipment:**

**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

**Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:



*Protective gloves*

The glove material has to be impermeable and resistant to the product / the substance / the preparation.

Due to missing tests no recommendation to the glove material can be given for the product / the preparation / the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye Protection**



*Tightly sealed goggles*

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

### General Information:

<b>Form:</b>	Fluid
<b>Colour:</b>	Clear
<b>Odour:</b>	Specific type

### Change in condition

<b>Melting point / Melting range:</b>	-50°C
<b>Boiling point / Boiling range:</b>	162/182°C
<b>Flash point:</b>	45°C
<b>Ignition temperature:</b>	450°C
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Explosion limits:</b>	
<b>Lower:</b>	0.7 Vol %
<b>Upper:</b>	7.5 Vol %
<b>Vapour pressure at 20°C:</b>	5 hPa
<b>Density at 20°C:</b>	0.87 g/cm <sup>3</sup>
<b>Solubility in / Miscibility with water at 20°C:</b>	0.05 g/l

## 10 STABILITY AND REACTIVITY

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.  
**Dangerous reactions:** No dangerous reactions known.  
**Dangerous decomposition products:** No dangerous decomposition products known.

## 11 TOXICOLOGICAL INFORMATION

### Acute Toxicity:

#### LD/LC50 values relevant for classification:

Oral	LD50	>6800 mg/kg (rat)
Dermal	LD50	>3400 mg/kg (rab)
Inhalative	LC50/4 h	>10.2 mg/l (rat)

### Primary irritant effect:

**on the skin:** No irritant effect.

**on the eye:** No irritating effect.

**Sensitization:** No sensitizing effects known.

## 12 ECOLOGICAL INFORMATION

### General Notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.

## 13 DISPOSAL CONSIDERATIONS

### Product:

#### Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

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## 14 TRANSPORT INFORMATION

### Land transport ADR/RID (cross-border)



**ADR/RID class:** 3 Flammable liquids.  
**Danger code (Kemler):** 30  
**UN-Number:** 1268  
**Packaging group:** III  
**Hazard label:** 3  
**Description of goods:** 1268 PETROLEUM DISTILLATES, N.O.S.

### Maritime transport IMDG:



**IMDG Class:** 3  
**UN Number:** 1268  
**Label:** 3  
**Packaging group:** III  
**EMS Number:** F-E, S-E  
**Marine pollutant:** No  
**Proper shipping name:** PETROLEUM DISTILLATES, N.O.S.

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



**ICAO/IATA Class:** 3  
**UN/ID Number:** 1268  
**Label:** 3  
**Packaging group:** III  
**Proper shipping name:** PETROLEUM DISTILLATES, N.O.S.

## 15 REGULATORY INFORMATION

### Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance in Hazardous Materials.

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**Code letter and hazard designation of product:**



*Carc.Cat. 2, Muta. Cat. 2*  
*T Toxic*

**Risk phrases:**

- 45 May cause cancer
- 46 May cause heritable genetic damage.
- 65 Harmful: may cause lung damage if swallowed.

**Safety phrases:**

- 53 Avoid exposure - obtain special instruction before use.
- 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**16 OTHER INFORMATION**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Product safety department
- **Contact:** RAR Resin Technical Dept.