

## 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** *Solvent naphtha (petroleum), light arom.*
- **Manufacturer/Supplier:**  
Petrochem Middle East FZE  
PO Box 17028,  
Jebel Ali Free Zone  
Dubai, UAE  
Ph +971 4 8839222; Fax +971 4 8834133
- **Further information obtainable from:** *Product safety department.*
- **Information in case of Emergency** *Product safety department.*

## 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.  
R 46 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.*

## 6 Accidental release measures

- **Person-related safety precautions:** *Not required.*
- **Measures for environmental protection:** *Do not allow to enter sewers/ surface or ground water.*

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- **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 facilities:** *No further data; see item 7.*
- **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.*

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· **Eye protection:**



Tightly sealed goggles

### 9 Physical and chemical properties

· **General Information**

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

· **Change in condition**

**Melting point/Melting range:** -50°C  
**Boiling point/Boiling range:** 162/182°C

· **Flash point:** 45°C

· **Ignition temperature:** 450°C

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

<b>Lower:</b>	0.7 Vol %
<b>Upper:</b>	7.5 Vol %

· **Vapour pressure at 20°C:** 5 hPa

· **Density at 20°C:** 0.87 g/cm<sup>3</sup>

· **Solubility in / Miscibility with water at 20°C:** 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.

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· **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.

### 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.

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· **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 on Hazardous Materials.*

· **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 instructions 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:** Mr. Menon