



## SAFETY DATA SHEET

### ATF CVT

According to Regulation (EC) No 1907/2006, Annex II, as amended.

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name ATF CVT

Product number 12210

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

Identified uses Automatic Transmission Fluid

Uses advised against This product must not be used outside of the practices recommended in Section 1 without prior advice from the supplier.

##### 1.3. Details of the supplier of the safety data sheet

Contact person Customer Services: madeniyag@petrolofisi.com.tr

Manufacturer PETROL OFİSİ A.Ş.  
Ünalan Mahallesi, Libadiye Caddesi No: 82F Kat: 2-3-4, 34700 Üsküdar/ İstanbul  
Tel: +90 850 339 1919  
Fax: +90 216 275 3854  
madeniyag@petrolofisi.com.tr

##### 1.4. Emergency telephone number

Emergency telephone Madeni Yağ Müşteri Hizmetleri: 0850 339 19 19 (mesai saatleri)

National emergency telephone number Emergency Medical Services: 112 National Poison Consultance Center: 114

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

##### 2.2. Label elements

Hazard statements NC Not Classified

Precautionary statements P410+P403 Protect from sunlight. Store in a well-ventilated place.  
P501 Dispose of contents/ container in accordance with national regulations.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P270 Do not eat, drink or smoke when using this product.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

##### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria. As supplied, the material does not present a health hazard.

## ATF CVT

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

|                                                                                                       |               |
|-------------------------------------------------------------------------------------------------------|---------------|
| <b>Distillates (petroleum), hydrotreated heavy paraffinic baseoil</b><br>CAS number: 64742-54-7       | <b>80-95%</b> |
| <b>Classification</b><br>Asp. Tox. 1 - H304                                                           |               |
| <b>Methacrylate copolymer</b><br>CAS number: —                                                        | <b>5-10%</b>  |
| <b>Classification</b><br>Eye Irrit. 2 - H319                                                          |               |
| <b>Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based</b><br>CAS number: 72623-86-0 | <b>1-5%</b>   |
| <b>Classification</b><br>Asp. Tox. 1 - H304                                                           |               |

The full text for all hazard statements is displayed in Section 16.

|                             |                                                                                                                                                                                                                                                                              |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Composition comments</b> | The DMSO contents of some substances are classified by the manufacturer as <3% according to IP 346.                                                                                                                                                                          |
| <b>Ingredient notes</b>     | If REACH registration numbers cannot be seen, the item is exempt from registering, minimum volume threshold for recording does not meet, the registration date has not yet arrived, or this information has been registered. See Section 8 for occupational exposure limits. |

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | In case of contact with skin wash off with soap and plenty of water. Remove contact clothing. If skin irritation persists, medical intervention may be required. In case of contact with eyes, rinse immediately with plenty of water. If there is a contact lens, it must be removed after the first treatment. Wash with plenty of water for at least 15 minutes. Requires medical attention if eye irritation persists. Personal protective equipment should be used to minimize first-aid treatment. If symptoms persist, they require medical intervention. If inhaled, move to fresh air. If breathing is difficult, medical intervention may be required. |
| <b>Inhalation</b>          | Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Ingestion</b>           | Get medical attention immediately. Do not induce vomiting. Consult a physician for specific advice.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Skin contact</b>        | It is important to remove the substance from the skin immediately. Brush off loose particles from skin. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing. If in doubt, get medical attention promptly.                                                                                                                                                                                                                                                                                                                                                          |

## ATF CVT

**Eye contact** If liquid has entered the eyes, proceed as follows. Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention. Do not rub eye.

**Protection of first aiders** First aid personnel should wear appropriate protective equipment during any rescue.

### **4.2. Most important symptoms and effects, both acute and delayed**

**General information** Treat symptomatically.

**Inhalation** May cause respiratory system irritation.

**Ingestion** May be harmful if swallowed.

**Skin contact** May cause irritation.

**Eye contact** May cause severe eye irritation.

### **4.3. Indication of any immediate medical attention and special treatment needed**

**Notes for the doctor** No specific treatment. Treat symptomatically.

**Specific treatments** Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** Not applicable.

**Unsuitable extinguishing media** None known.

### **5.2. Special hazards arising from the substance or mixture**

**Specific hazards** In case of fire, toxic and corrosive gases may be formed.

**Hazardous combustion products** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### **5.3. Advice for firefighters**

**Protective actions during firefighting** Keep adjacent containers cool by spraying with water. If possible remove containers from the danger zone. If the fire cannot be extinguished the only course of action is to evacuate immediately. Contain residual material at affected sites to prevent material from entering drains (sewers), ditches, and waterways. Dispose of fire debris and contaminated fire-fighting water in accordance with applicable legal legislation.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Use special protective clothing.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Keep unnecessary and unprotected personnel away from the spillage. Do not touch or walk into spilled material. Avoid inhalation of vapours and contact with skin and eyes. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. In case of spills, beware of slippery floors and surfaces.

**For non-emergency personnel** Necessary precautions should be taken to ensure that non-educated personnel do not intervene.

**For emergency responders** Wear protective clothing as shown in section 8 of this safety data sheet. Proper ventilation should be provided.

### **6.2. Environmental precautions**

## ATF CVT

**Environmental precautions** Prevent uncontrolled spreading of the product to the environment. Inform the authorities if the product has caused environmental pollution. Apply protective methods to prevent spilled material from entering into water sources, water channels, sewers and soil.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Provide adequate ventilation. Take care as floors and other surfaces may become slippery. Do not touch or walk into spilled material. Move containers from spillage area. Stop leak if safe to do so. Large Spillages: Absorb spillage with oil-absorbing material. Collect and place in suitable waste disposal containers and seal securely. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Inform authorities if large amounts are involved. Stop leak if possible without risk. DO NOT touch spilled material! Runoff or release to sewer, waterway or ground is forbidden.

### 6.4. Reference to other sections

**Reference to other sections** See Section 1 for emergency contact information. For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Wear protective equipment as directed in Section 8 of this safety data sheet for proper personal protection.

**Advice on general occupational hygiene** In the areas where the product is handled, food should not be eaten, beverages should not be drink and smoke should not be smoked. Proper ventilation should be provided in areas where the product is used. Provide eyewash station and safety shower. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. Avoid breathing vapors / mist.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in a demarcated bunded area to prevent release to drains and/or watercourses. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep containers upright. Keep away from food, drink and animal feeding stuffs. Protect from freezing and direct sunlight. Only store in correctly labelled containers. Store in a well-ventilated appropriate place.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**Usage description** The product must be used as specified in the data sheet.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### **Occupational exposure limits**

Mineral Oil; TWA: 5 mg/m<sup>3</sup> , ACGIH (United States)

Mineral Oil; TWA: 5 mg/m<sup>3</sup> , OSHA (United States)

## ATF CVT

### DNEL

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

DNEL: 2,7 (8h) mg/m<sup>3</sup> (long term inhalativ worker systemic)

DNEL: 5,4 (8h) mg/m<sup>3</sup> (long-term inhalativ worker local)

DNEL: 1,2 (24h) mg/m<sup>3</sup> (long-term inhalativ consumer local)

DNEL: 0,74 (24h) mg/kg/d (long-term oral consumer systemic)

DNEL: 1,0 (8h) mg/kg (long-term dermal worker systemic)

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

This product is not to be used under conditions of poor ventilation. Provide adequate general and local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid inhalation of vapours and spray/mists. Ensure operatives are trained to minimise exposure.

#### Personal protection

Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.

#### Eye/face protection

Personal protective equipment for eye and face protection should comply with European Standard EN166. Protective face masks should be used for operations which may cause splashing.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. When used with mixtures, the protection time of gloves cannot be accurately estimated. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

#### Other skin and body protection

Avoid contact with skin. Wear suitable protective clothing as protection against splashing or contamination. Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Refer to European Standard EN 1149 for information on material and design requirements and test methods. Provide eyewash station and safety shower.

#### Hygiene measures

Wash hands thoroughly after handling. Care should be taken to avoid contact with contaminants when removing contaminated clothing. Wash at the end of each work shift and before eating, smoking and using the toilet. Eye wash facilities and emergency shower must be available when handling this product. Clean equipment and the work area every day.

#### Respiratory protection

Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Use approved respirator if air contamination is above an acceptable level. No specific recommendation made, but chemical cartridge protection may still be required for organic dusts/vapours known to be toxic. When exposure to hydrocarbon vapor is likely, suitable breathing apparatus should be used. The instructions for use of the inhaler should be strictly observed.

#### Thermal hazards

There is no available data.

#### Environmental exposure controls

Store in a demarcated bunded area to prevent release to drains and/or watercourses. Keep container tightly sealed when not in use. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

## ATF CVT

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|                                                     |                                                                                                                                 |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Appearance</b>                                   | Liquid.                                                                                                                         |
| <b>Colour</b>                                       | Brownish.                                                                                                                       |
| <b>Odour</b>                                        | Characteristic.                                                                                                                 |
| <b>Odour threshold</b>                              | No specific test data are available.                                                                                            |
| <b>pH</b>                                           | Scientifically unjustified.                                                                                                     |
| <b>Melting point</b>                                | No specific test data are available.                                                                                            |
| <b>Initial boiling point and range</b>              | No specific test data are available.                                                                                            |
| <b>Flash point</b>                                  | ≥ 220°C Cleveland open cup.                                                                                                     |
| <b>Evaporation rate</b>                             | No specific test data are available.                                                                                            |
| <b>Evaporation factor</b>                           | No specific test data are available.                                                                                            |
| <b>Flammability (solid, gas)</b>                    | No specific test data are available.                                                                                            |
| <b>Upper/lower flammability or explosive limits</b> | No specific test data are available.                                                                                            |
| <b>Other flammability</b>                           | No specific test data are available.                                                                                            |
| <b>Vapour pressure</b>                              | No specific test data are available.                                                                                            |
| <b>Vapour density</b>                               | No specific test data are available.                                                                                            |
| <b>Relative density</b>                             | No specific test data are available.                                                                                            |
| <b>Bulk density</b>                                 | No specific test data are available.                                                                                            |
| <b>Solubility(ies)</b>                              | Insoluble in water.                                                                                                             |
| <b>Partition coefficient</b>                        | No specific test data are available.                                                                                            |
| <b>Auto-ignition temperature</b>                    | No specific test data are available.                                                                                            |
| <b>Decomposition Temperature</b>                    | No specific test data are available.                                                                                            |
| <b>Viscosity</b>                                    | >30 cSt @ 40°C 6,8-8 cSt @ 100°C                                                                                                |
| <b>Explosive properties</b>                         | Not considered to be explosive.                                                                                                 |
| <b>Explosive under the influence of a flame</b>     | No suitable data is available.                                                                                                  |
| <b>Oxidising properties</b>                         | The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising. |
| <b>Comments</b>                                     | Information given is applicable to the product as supplied.                                                                     |

#### 9.2. Other information

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>Other information</b> | No information required.             |
| <b>Refractive index</b>  | No specific test data are available. |
| <b>Particle size</b>     | No specific test data are available. |
| <b>Molecular weight</b>  | No specific test data are available. |
| <b>Volatility</b>        | No specific test data are available. |

## ATF CVT

|                                  |                                      |
|----------------------------------|--------------------------------------|
| <b>Saturation concentration</b>  | No specific test data are available. |
| <b>Critical temperature</b>      | No specific test data are available. |
| <b>Volatile organic compound</b> | No specific test data are available. |

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

|                   |                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b> | There are no known reactivity hazards associated with this product. This product is stable under normal conditions. |
|-------------------|---------------------------------------------------------------------------------------------------------------------|

#### 10.2. Chemical stability

|                  |                                                 |
|------------------|-------------------------------------------------|
| <b>Stability</b> | Stable under the prescribed storage conditions. |
|------------------|-------------------------------------------------|

#### 10.3. Possibility of hazardous reactions

|                                           |                                                                   |
|-------------------------------------------|-------------------------------------------------------------------|
| <b>Possibility of hazardous reactions</b> | No hazardous reaction under normal conditions of storage and use. |
|-------------------------------------------|-------------------------------------------------------------------|

#### 10.4. Conditions to avoid

|                            |                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------|
| <b>Conditions to avoid</b> | There are no known conditions that are likely to result in a hazardous situation. |
|----------------------------|-----------------------------------------------------------------------------------|

#### 10.5. Incompatible materials

|                           |                                                                                                                  |
|---------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Materials to avoid</b> | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
|---------------------------|------------------------------------------------------------------------------------------------------------------|

#### 10.6. Hazardous decomposition products

|                                         |                                                                                              |
|-----------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Hazardous decomposition products</b> | In the event of incomplete combustion, smoke, carbon dioxide and carbon monoxide are formed. |
|-----------------------------------------|----------------------------------------------------------------------------------------------|

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

|                              |                                                                               |
|------------------------------|-------------------------------------------------------------------------------|
| <b>Toxicological effects</b> | Information given is based on data of the components and of similar products. |
|------------------------------|-------------------------------------------------------------------------------|

|                             |                                    |
|-----------------------------|------------------------------------|
| <b>Other health effects</b> | No relevant information available. |
|-----------------------------|------------------------------------|

#### Acute toxicity - oral

|                |                                                                   |
|----------------|-------------------------------------------------------------------|
| <b>Summary</b> | Based on available data, the classification criteria are not met. |
|----------------|-------------------------------------------------------------------|

|                                     |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes (oral LD<sub>50</sub>)</b> | 64742-54-7 distillates (petroleum), hydrotreated heavy paraffinic: LD <sub>50</sub> >5000 mg/kg, Oral, Rat LOAEL 125 mg/kg/day, Oral, Rat NOAEL ≥150 mg/kg/day, Oral, Mouse NOAEL 125 mg/kg/day, Oral, Rat NOEL ≥100 (72h) mg/l, Oral, pseudokirchneriella subcapitata NOEC >100 mg/l, Oral, Fishes NOAEL >980 mg/m <sup>3</sup> , Oral, Rat |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Acute toxicity - dermal

|                |                                                                       |
|----------------|-----------------------------------------------------------------------|
| <b>Summary</b> | Based on the available data, the classification criteria are not met. |
|----------------|-----------------------------------------------------------------------|

|                                       |                                                                                                                                                                                                                                                                             |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes (dermal LD<sub>50</sub>)</b> | 64742-54-7: Distillates (petroleum), hydrotreated heavy paraffinic: LD <sub>50</sub> >5000 mg/kg, Dermal, Rabbit Mineral Oil: LD <sub>50</sub> >5000 mg/kg, Dermal, Rabbit Long-chain alkyl amine, alkyl phosphoric acid salt: LD <sub>50</sub> >2000 mg/kg, Dermal, Rabbit |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Acute toxicity - inhalation

|                |                                                                       |
|----------------|-----------------------------------------------------------------------|
| <b>Summary</b> | Based on the available data, the classification criteria are not met. |
|----------------|-----------------------------------------------------------------------|

|                                           |                                                                                                                                                                                              |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes (inhalation LC<sub>50</sub>)</b> | Mineral Oil: LC <sub>50</sub> >5000 mg/m <sup>3</sup> , Inhalation, Rat 64742-54-7: Distillates (petroleum), hydrotreated heavy paraffinic: LC <sub>50</sub> 5,53 (4h) mg/l, Inhalation, Rat |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Skin corrosion/irritation

## ATF CVT

|                                                                  |                                                                                                                        |
|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Summary</b>                                                   | Basen on the available data, the classification criteria are not met.                                                  |
| <b><u>Serious eye damage/irritation</u></b>                      |                                                                                                                        |
| <b>Summary</b>                                                   | Based on available data, the classification criteria are not met.                                                      |
| <b>Serious eye damage/irritation</b>                             | Product includes a compound which may cause eye irritaition.                                                           |
| <b><u>Respiratory sensitisation</u></b>                          |                                                                                                                        |
| <b>Summary</b>                                                   | Based on available data, the classification criteria are not met.                                                      |
| <b><u>Skin sensitisation</u></b>                                 |                                                                                                                        |
| <b>Summary</b>                                                   | Based on the available data, the product is not expected to have a skin sensitizing effect.                            |
| <b><u>Germ cell mutagenicity</u></b>                             |                                                                                                                        |
| <b>Summary</b>                                                   | It is not expected to cause genetic damage in the light of current data.                                               |
| <b><u>Carcinogenicity</u></b>                                    |                                                                                                                        |
| <b>Summary</b>                                                   | This product mainly consists of mineral based base oils.The base oils in this product are refined.                     |
| <b><u>Reproductive toxicity</u></b>                              |                                                                                                                        |
| <b>Summary</b>                                                   | There is no test data indicating that this product has a toxic effect on the reproductive system.                      |
| <b><u>Specific target organ toxicity - single exposure</u></b>   |                                                                                                                        |
| <b>Summary</b>                                                   | There is no available data.                                                                                            |
| <b><u>Specific target organ toxicity - repeated exposure</u></b> |                                                                                                                        |
| <b>Summary</b>                                                   | There is no available data.                                                                                            |
| <b><u>Aspiration hazard</u></b>                                  |                                                                                                                        |
| <b>Summary</b>                                                   | Based on available data, the classification criteria are not met.                                                      |
| <b>Aspiration hazard</b>                                         | Product includes a compound which has aspiration toxicity.                                                             |
| <b>Toxicokinetics</b>                                            | No information is required.                                                                                            |
| <b>General information</b>                                       | Information given is based on data of the components and of similar products.                                          |
| <b>Inhalation</b>                                                | There is no available data.                                                                                            |
| <b>Ingestion</b>                                                 | There is no available data.                                                                                            |
| <b>Skin contact</b>                                              | There is no available data.                                                                                            |
| <b>Eye contact</b>                                               | The product is not classified as eye irritant. The product contains components that may cause eye irritation / damage. |
| <b>Acute and chronic health hazards</b>                          | There is not enough data.                                                                                              |
| <b>Route of exposure</b>                                         | There is no available data.                                                                                            |
| <b>Target organs</b>                                             | No specific target organs known.                                                                                       |
| <b>Medical symptoms</b>                                          | No specific tes data are available.                                                                                    |
| <b>Medical considerations</b>                                    | No specific tes data are available.                                                                                    |

### SECTION 12: Ecological information

|                    |            |
|--------------------|------------|
| <b>Ecotoxicity</b> | Not known. |
|--------------------|------------|



## ATF CVT

### 12.1. Toxicity

**Toxicity** There is not enough data.

#### Acute aquatic toxicity

**Acute toxicity - fish** LL<sub>50</sub>, 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic: >100 : mg/l, Fish

**Acute toxicity - aquatic invertebrates** LL<sub>50</sub>, (OECD 202), 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic: 10000 (24h) : mg/l, Freshwater invertebrates

**Acute toxicity - aquatic plants** LL<sub>50</sub>, 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic: >100 : mg/l, Algae

**Acute toxicity - microorganisms** No information required.

**Acute toxicity - terrestrial** No information required.

#### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** No information required.

**Short term toxicity - embryo and sac fry stages** No information required.

**Chronic toxicity - aquatic invertebrates** No information required.

**Toxicity to soil** There is not enough data.

**Toxicity to terrestrial plants** There is not enough data.

### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

**Phototransformation** No information required.

**Stability (hydrolysis)** No information required.

**Biodegradation** No information required.

**Biological oxygen demand** No information required.

**Chemical oxygen demand** No information required.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No information required.

**Partition coefficient** No specific test data are available.

### 12.4. Mobility in soil

**Mobility** Uygun bilgi bulunmamaktadır.

**Adsorption/desorption coefficient** No information required.

**Henry's law constant** No information required.

**Surface tension** No information required.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** Not applicable.

### 12.6. Other adverse effects

## ATF CVT

**Other adverse effects** May cause minor damage to water.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                            |                                                                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | The generation of waste should be minimised or avoided wherever possible. Dispose of waste product or used containers in accordance with local regulations                                                                                                |
| <b>Disposal methods</b>    | Do not dispose of empty packaging with normal household waste. Product residues, non-empty packagings as chemical waste<br>It should be evaluated. Dispose of waste in an official chemical waste tank. Do not allow runoff to sewer, waterway or ground. |
| <b>Waste class</b>         | The waste code classification is to be carried out according to the European Waste Catalogue (EWC).                                                                                                                                                       |

### SECTION 14: Transport information

|                             |                             |
|-----------------------------|-----------------------------|
| <b>General</b>              | No other information known. |
| <b>Road transport notes</b> | Not classified.             |
| <b>Rail transport notes</b> | Not classified.             |
| <b>Sea transport notes</b>  | Not classified.             |
| <b>Air transport notes</b>  | Not classified.             |

#### 14.1. UN number

Technically not feasible.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

Not applicable.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### SECTION 15: Regulatory information

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

|                             |                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------|
| <b>National regulations</b> | The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). |
|-----------------------------|-------------------------------------------------------------------------------------------------|

## ATF CVT

|                       |                                                                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EU legislation</b> | T. C. Environment and urban ministry, implementing Regulation on the Classification, Labeling and Packaging of Substances and Mixtures, No. 28848, dated December 11, 2013               |
| <b>Guidance</b>       | Workplace Exposure Limits EH40.<br>CHIP for everyone HSG228.<br>Approved Classification and Labelling Guide (Sixth edition) L131.<br>Safety Data Sheets for Substances and Preparations. |

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

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|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Abbreviations and acronyms used in the safety data sheet</b>         | <p>DMSO: Dimethyl sulfoxide</p> <p>E.U. : European union</p> <p>KKE: Personal protective equipment</p> <p>T.C. : Republic of Turkey</p> <p>TWA: Workplace exposure limits</p> <p>UZEM: National Poison Information Center</p> <p>ATE: Acute Toxicity Estimate.</p> <p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>CAS: Chemical Abstracts Service.</p> <p>DNEL: Derived No Effect Level.</p> <p>LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.</p> <p>LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p> <p>LOAEC: Lowest Observed Adverse Effect Concentration.</p> <p>LOAEL: Lowest Observed Adverse Effect Level.</p> <p>NOAEC: No Observed Adverse Effect Concentration.</p> <p>NOAEL: No Observed Adverse Effect Level.</p> <p>NOEC: No Observed Effect Concentration.</p> |
| <b>Classification abbreviations and acronyms</b>                        | <p>Asp. Tox. = Aspiration hazard</p> <p>Eye Irrit. = Eye irritation</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>General information</b>                                              | <p>Only trained personnel should use this material. Uses and Restrictions : This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier. This product is not to be used as a solvent or cleaning agent; for lighting or brightening fires; as a skin cleanser. MSDS Distribution : The information in this document should be made available to all who may handle the product. Disclaimer : This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.</p>                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Key literature references and sources for data</b>                   | <p>This SDS is prepared based on the information received from raw material suppliers. Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Classification procedures according to Regulation (EC) 1272/2008</b> | <p>: Calculation method.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Training advice</b>                                                  | <p>Untrained personnel should not use.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Revision comments</b>                                                | <p>This is the first issue.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## ATF CVT

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| <b>Issued by</b>                 | Sevda ŞAHAN Certified Safety Data Sheet Preparer (Certificate Id:GBF01.23.08;Dates: 03.11.2018-03.11.2021) |
| <b>Revision date</b>             | 23/05/2019                                                                                                 |
| <b>Revision</b>                  | 0                                                                                                          |
| <b>Supersedes date</b>           | 01/01/2019                                                                                                 |
| <b>SDS number</b>                | 20519                                                                                                      |
| <b>SDS status</b>                | Approved.                                                                                                  |
| <b>Hazard statements in full</b> | H304 May be fatal if swallowed and enters airways.<br>H319 Causes serious eye irritation.                  |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.