

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/ Istanbul

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 Emergency Medical Services: 112 National Poison Consultance Center: 114

number

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.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Distilltes (petroleum), hydrotreated heavy paraffinic baseoil

80-95%

CAS number: 64742-54-7

Classification

Asp. Tox. 1 - H304

Methacrylate copolymer

5-10%

CAS number: -

Classification

Eye Irrit. 2 - H319

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-

1-5%

based

CAS number: 72623-86-0

Classification

Asp. Tox. 1 - H304

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

Composition comments The DMSO contents of some substances are classified by the manufacturer as <3%

according to IP 346.

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

General information 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.

Inhalation Remove person to fresh air and keep comfortable for breathing. Get medical attention if any

discomfort continues.

Ingestion Get medical attention immediately. Do not induce vomiting. Consult a physician for specific

advice.

Skin contact 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.

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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 doctorNo specific treatment. Treat symptomatically.

Specific treatments Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Not applicable.

Unsuitable extinguishing

None known.

media

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 (CO2). 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

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/m3, ACGIH (United States) Mineral Oil; TWA: 5 mg/m3, OSHA (United States)

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

DNEL: 2,7 (8h) mg/m3 (long trm inhalativ worker systemic)
DNEL: 5,4 (8h) mg/m3 (long-term inhalativ worker local)
DNEL: 1,2 (24h) mg/m3 (long-term inhalativ comsumer 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.

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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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Brownish.

Odour Characteristic.

Odour threshold No specific test data are available.

pH Scientifically unjustified.

Melting point No specific test data are available.

Initial boiling point and range No specific test data are available.

Flash point ≥ 220°C Cleveland open cup.

Evaporation rate No specific test data are available.

Evaporation factor No specific test data are available.

Flammability (solid, gas)No specific test data are available.

Upper/lower flammability or

explosive limits

No specific test data are available.

Other flammability No specific test data are available.

Vapour pressureNo specific test data are available.

Vapour density No specific test data are available.

Relative density No specific test data are available.

Bulk density No specific test data are available.

Solubility(ies) Insoluble in water.

Partition coefficient No specific test data are available.

Auto-ignition temperature No specific test data are available.

Decomposition Temperature No specific test data are available.

Viscosity >30 cSt @ 40°C 6,8-8 cSt @ 100°C

Explosive properties Not considered to be explosive.

Explosive under the influence

of a flame

No suitable data is available.

Oxidising properties The mixture itself has not been tested but none of the ingredient substances meet the criteria

for classification as oxidising.

Comments Information given is applicable to the product as supplied.

9.2. Other information

Other information No information required.

Refractive index No specific test data are available.

Particle size No specific test data are available.

Molecular weight No specific test data are available.

Volatility No specific test data are available.

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Saturation concentration

No specific test data are available.

Critical temperature

No specific test data are available.

Volatile organic compound

No specific test data are available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product. This product is stable

under normal conditions.

10.2. Chemical stability

Stability Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

No hazardous reaction under normal conditions of storage and use.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a

hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition

products

In the event of incomplete combustion, smoke, carbon dioxide and carbon monoxide are

formed

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Information given is based on data of the components and of similar products.

Other health effects No relevant information available.

Acute toxicity - oral

Summary Based on available data, the classification criteria are not met.

Notes (oral LD₅o) 64742-54-7 distillates (petroleum), hydrotreated heavy paraffinic: LD₅o >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/m³, Oral, Rat

Acute toxicity - dermal

Summary Based on the available data, the classification criteria are not met.

Notes (dermal LD₅₀) 64742-54-7: Distillates (petrolum), hydrotreated heavy paraffinic: LD₅₀ >5000 mg/kg, Dermal,

Rabbit Mineral Oil: LD₅o >5000 mg/kg, Dermal, Rabbit Long-chain alkyl amine, alkyl

phosphoric acid salt: LD₅₀ >2000 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

Summary Basen on the available data, the classification criteria are not met.

Notes (inhalation LC₅₀) Mineral Oil: LC50 >5000 mg/m³, Inhalation, Rat 64742-54-7: Distillates (petrolum),

hydrotreated heavy paraffinic: LC50 5,53 (4h) mg/l, Inhalation, Rat

Skin corrosion/irritation

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Summary Basen on the available data, the classification criteria are not met.

Serious eye damage/irritation

Summary Based on available data, the classification criteria are not met.

Serious eye damage/irritation Product includes a compound which may cause eye irritation.

Respiratory sensitisation

Summary Based on available data, the classification criteria are not met.

Skin sensitisation

Summary Based on the available data, the product is not expected to have a skin sensitizing effect.

Germ cell mutagenicity

Summary It is not expected to cause genetic damage in the light of current data.

Carcinogenicity

Summary This product mainly consists of mineral based base oils. The base oils in this product are

refined.

Reproductive toxicity

Summary There is no test data indicating that this product has a toxic effect on the reproductive system.

Specific target organ toxicity - single exposure

Summary There is no available data.

Specific target organ toxicity - repeated exposure

Summary There is no available data.

Aspiration hazard

Summary Based on available data, the classification criteria are not met.

Aspiration hazard Product includes a compound which has aspiration toxicitiy.

Toxicokinetics No information is required.

General information Information given is based on data of the components and of similar products.

InhalationThere is no available data.IngestionThere is no available data.

Skin contact There is no available data.

Eye contact The product is not classified as eye irritant. The product contains components that may cause

eye irritation / damage.

Acute and chronic health

hazards

There is not enough data.

Route of exposure There is no available data.

Target organs No specific target organs known.

Medical symptoms No specific tes data are available.

Medical considerations No specific tes data are available.

SECTION 12: Ecological information

Ecotoxicity Not known.

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12.1. Toxicity

Toxicity There is not enough data.

Acute aquatic toxicity

Acute toxicity - fish LL₅₀, 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic: >100 : mg/l, Fish

Acute toxicity - aquatic LL₅₀, (OECD 202), 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic: 10000

invertebrates (24h): mg/l, Freshwater invertebrates

Acute toxicity - aquatic plants LL₅₀, 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic: >100 : mg/l, Algae

Acute toxicity - No information required.

microorganisms

Acute toxicity - terrestrial No information required.

Chronic aquatic toxicity

Chronic toxicity - fish early life No information required.

stage

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

Not applicable.

assessment

12.6. Other adverse effects

Other adverse effects May cause minor damage to water.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. Dispose of waste

product or used containers in accordance with local regulations

Disposal methodsDo not dispose of empty packaging with normal household waste. Product residues, non-

empty packagings as chemical waste

It should be evaluated. Dispose of waste in an official chemical waste tank. Do not allow runoff

to sewer, waterway or ground.

Waste class

The waste code classification is to be carried out according to the European Waste Catalogue

(EWC).

Not classified.

SECTION 14: Transport information

General No other information known.

Road transport notes Not classified.

Rail transport notes Not classified.

Sea transport notes Not classified.

14.1. UN number

Air transport notes

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 Not applicable. **Annex II of MARPOL 73/78**

and the IBC Code

SECTION 15: Regulatory information

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009

No. 716).

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EU legislation T. C. Environment and urban ministry, mplementing Regulation on the Classification, Labeling

and Packaging of Substances and Mixtures, No. 28848, dated December 11, 2013

Guidance Workplace Exposure Limits EH40.

CHIP for everyone HSG228.

Approved Classification and Labelling Guide (Sixth edition) L131.

Safety Data Sheets for Substances and Preparations.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

DMSO: Dimethyl sulfoxide E.U.: European union

KKE: Personal protective aquipment

T.C.: Republic of Turkey

TWA: Workplace exposure limits

UZEM: National Poison Information Center

ATE: Acute Toxicity Estimate.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by

Road.

CAS: Chemical Abstracts Service.

DNEL: Derived No Effect Level.

LC₅o: Lethal Concentration to 50 % of a test population.

LD₅o: Lethal Dose to 50% of a test population (Median Lethal Dose).

PBT: Persistent, Bioaccumulative and Toxic substance.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation

(EC) No 1907/2006.

vPvB: Very Persistent and Very Bioaccumulative. LOAEC: Lowest Observed Adverse Effect Concentration.

LOAEL: Lowest Observed Adverse Effect Level.

NOAEC: No Observed Adverse Effect Concentration.

NOAEL: No Observed Adverse Effect Level. NOEC: No Observed Effect Concentration.

Classification abbreviations and acronyms

Asp. Tox. = Aspiration hazard Eye Irrit. = Eye irritation

General information

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.

Key literature references and sources for data

This SDS is prepared based on the information received from raw material suppliers. Source: European Chemicals Agency, http://echa.europa.eu/

Classification procedures according to Regulation (EC) 1272/2008

: Calculation method.

Training advice Unt

Untrained personnel should not use.

Revision commentsThis is the first issue.

Issued by Sevda ŞAHAN Certified Safety Data Sheet Preparer (Certificate Id:GBF01.23.08;Dates:

03.11.2018-03.11.2021)

Revision date 23/05/2019

Revision 0

Supersedes date 01/01/2019

SDS number 20519

SDS status Approved.

Hazard statements in full H304 May be fatal if swallowed and enters airways.

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.