



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2020/878
Date of Issue: 21/02/2019 Version: 4.0

Air Line Oil ISO22

SECTION 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING

1.1. Product identifier

Name: Automatic Transmission Fluid

ref: PCLAL1SFX

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

Air Line Oil. Do not use in any other application

1.3. Details of the supplier of the safety data sheet

Silverhook Ltd.
Unit 14 Bates Road
Harold Wood, London, England
RM3 0JH
Tel.: +44 (0) 1708330500
Fax.: +44 (0) 1708330504
Email: 522@silverhook.co.uk
Responsible person email: 522@silverhook.co.uk

1.3.1 PCL EU Economic Operator

HORNGROUP Holding GmbH & Co. KG
Munketoft 42
24937 Flensburg
Tel.: +49 461 8696-0
Email: sales@tecalemi.de

1.4. Emergency telephone number

+49 461 8696-0 (during office hours)

SECTION 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Not classified as hazardous in accordance with CLP (EC 1272/2008) and DPD (1999/45/EC)

2.2. Label elements

No labelling required.

2.3. Other hazards

Not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 DMSO test.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

3.2. Mixtures

Highly refined base oil (IP 346 DMSO extract < 3%) with proprietary performance additives.
No hazardous ingredients present at a concentration at or exceeding the Declaration of Content Limit

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice.

Eyes

Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open. Obtain medical advice if any pain or redness develops or persists.

Skin

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

Ingestion

If contamination of the mouth occurs, wash out thoroughly with water. Except as a deliberate act, the ingestion of large amounts of product is unlikely. If it should occur, do not induce vomiting; obtain medical advice.

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

No ill effects known.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Eye contact: immediately wash out with plenty of water.

SECTION 5: FIREFIGHTING MEASURES



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5.1. Extinguishing media

Foam, dry powder or water fog. Water can be used to cool and protect exposed material.

5.2. Specific hazards arising from the substance or mixture

Toxic fumes may be evolved on burning or exposure to heat. See Stability and Reactivity, Section 10 of this Safety Data Sheet.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus. Water may cause spluttering.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Immediately evacuate all personnel from danger area. Wear Personal Protective Equipment. Eliminate all sources of heat, sparks, pilot lights, static electricity and open flames. Spilled material may make surfaces slippery.

6.2. Environmental precautions

Protect drains from potential spills to minimise contamination. Do not wash product into drainage system. In the case of large spills contact the appropriate authorities. In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment. Recover product from the surface. Protect environmentally sensitive areas and water supplies.

6.3. Methods and material for containment and cleaning up

Absorb into dry earth or sand. Protect drains using drain covers. Dispose of as hazardous waste.

6.4. Reference to other sections

Personal protective equipment: See Section 8.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate. Avoid frequent or prolonged skin contact with fresh or used product.

Good working practices, high standards of personal hygiene and plant cleanliness must be maintained at all times. Wash hands thoroughly after contact. Use disposable cloths and discard when soiled. Do not put soiled cloths into pockets. Use a suitable barrier cream at regular intervals.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of the reach of children.

Store under cover away from heat and sources of ignition.

7.3. Specific end use(s)

Intended for use as an automotive transmission fluid.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Country

None

Substance

Long term (8 hours TWA)

Short term (15 mins)

8.2. Exposure controls

Use local exhaust ventilation to control mists or vapours.

Hand protection

Nitrile or neoprene protective gloves.

Eye protection

Safety glasses

Skin protection

Protective clothing

Hygiene measures

Wash thoroughly after handling this product.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Does not constitute a specification

Typical Values

Grades:		Power Steering
Appearance		Red Liquid
Odour		Oily
Odour Threshold		No data available
pH		Not applicable
Pour point/range	°C	-40
Initial boiling point and range	°C	No data available
Flash point (COC)	°C	210
Flammability		Not flammable
Upper/lower flammability or explosive limits		Not applicable
Vapour pressure	kPa (0.1 mm Hg)	No data available
Relative density	kg/m ³	0.868 @ 20°C
Solubility - water		Insoluble
Partition coefficient n-octanol/water	Log Pow	Not applicable
Auto-ignition temperature		No data available
Decomposition temperature		No data available
Viscosity	mm ² /s	35.0 @ 40°C
	mm ² /s	6.8 @ 100°C
Evaporation rate		Not applicable
Vapour density		Not applicable
Explosive properties		Not applicable
Oxidising properties		None

9.2. Other Information

None

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid overheating.

10.5. Incompatible materials

Avoid contact with strong oxidising agents.

10.6. Hazardous decomposition products

Thermal decomposition products will vary with conditions. Incomplete combustion will generate smoke, carbon dioxide and hazardous gases, including carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Oral

No toxic components present at levels to cause classification.

Inhalation

No toxic components present at levels to cause classification.

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Dermal

No toxic components present at levels to cause classification.

Corrosivity/irritation

Eye

No components present that are classified as eye irritants.

Skin

No components present that are classified as skin irritants but may cause skin irritation due to de-fatting effect on skin.

Respiratory tract

No components present that are classified as respiratory irritants.

Sensitisation

Skin

No evidence of sensitisation effects.

Respiratory

No evidence of sensitisation effects.

Repeated-dose toxicity

No data available.

Mutagenicity

No evidence of mutagenicity.

Carcinogenicity

No evidence of carcinogenicity.

Reproductive toxicity

No evidence of reproductive toxicity.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

12.2. Persistence and Degradability

Not biodegradable.

12.3. Bioaccumulative Potential

There is no evidence to suggest bioaccumulation will occur.

12.4. Mobility in Soil

Spillages may penetrate the soil causing ground water contamination. Non-volatile.

12.5. Results of PBT and vPvB Assessment

No PBT or vPvB chemicals present

12.6. Other Adverse Effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Where possible, arrange for product to be recycled.

Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations.

Incineration may be carried out under controlled conditions provided that local regulations for emissions are met.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport (ADR, RID, UN, IMO, IATA/ICAO).

SECTION 15: REGULATORY INFORMATION

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

Supply regulations: DPD: Dangerous Preparations Directive; GHS: Globally Harmonised System of classification and labelling of chemicals; CLP: Classification, Labelling and Packaging regulations. Transport regulations: CDG: Carriage of Dangerous Goods Regulations; ADR/RID/IMDG/ICAO/IATA.



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15.2. Chemical Safety Assessment

No formal chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Fourth Issue

Third issue June 2015: Format change

Second Issue July 2014: Format change.

Previous version October 2006: Changed to Reach version 2 format

Disclaimer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.