

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

1.1 Product identifier

Product name: AutoTech Power Steering Fluid

Synonyms: Hydraulic automotive fluid (mineral oil base)

Part Numbers:

ATPSFH – 500ml

ATPSFL – 1 Litre

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

Identified use: Power steering hydraulic fluid for automotive applications

Uses advised against: Use as food/feed, pharmaceutical, or cosmetic ingredient

1.3 Details of the supplier

Supplier: Jivaji Auto Factors Limited

Address: Unit 54, Plume Street Industrial Estate, Birmingham B6 7RT, UK

Telephone: +44 (0)121 687 7768

Email: sales@jivaji.com

1.4 Emergency telephone number

Emergency Tel (UK): +44 (0)121 687 7768 (office hours)

National Poisons Information Service (UK): 111 (UK NHS)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture (UK CLP)

Not classified as hazardous under UK CLP Regulation (EC) No. 1272/2008.

2.2 Label elements

Labelling according to UK CLP:

Hazard pictograms: None

Signal word: None

Hazard statements: None

2.3 Other hazards

Prolonged skin contact may cause dehydration and dermatitis.

Product contains components that can bioaccumulate.

Not a PBT/vPvB substance or mixture according to REACH Annex XIII (based on typical formulation).

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable – mixture.

3.2 Mixtures

Substance	CAS No.	% w/w	Classification
Petroleum distillates (hydrotreated)	64742-54-7	60-95	Not classified
Additives (anti-wear, rust inhibitors, antioxidants)	Proprietary	—	5-15 Not classified

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. Seek medical attention if symptoms persist.

Skin contact: Wash with soap and water. Remove contaminated clothing. Seek medical attention for irritation.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present. Get medical attention if irritation persists.

Ingestion: Do not induce vomiting. Rinse mouth. Seek medical attention.

4.2 Most important symptoms/effects

Irritation to eyes and skin on prolonged contact; nausea if ingested in large amounts.

4.3 Indication of immediate medical attention and special treatment

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Use foam, dry chemical, CO₂, or water fog.

5.2 Special hazards arising from the substance

Combustion can produce CO, CO₂, smoke, and hydrocarbons.

5.3 Advice for firefighters

Wear full protective clothing and self-contained breathing apparatus (SCBA). Cool containers with water spray.

SECTION 6: Accidental release measures

6.1 Personal precautions

Use protective equipment (see Section 8). Eliminate ignition sources.

6.2 Environmental precautions

Prevent entry into drains, soil, or watercourses. Notify authorities if environment is contaminated.

6.3 Methods for containment and cleaning up

Contain with inert absorbent. Collect waste in labelled, closed containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid skin/eye contact. Do not breathe vapour/mist. Wash after handling.

7.2 Conditions for safe storage

Store in cool, dry, well-ventilated area. Keep containers closed. Protect from heat and sunlight.

7.3 Specific end use

Automotive steering system hydraulic fluid.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No UK OELs established for finished product. Monitor based on petroleum distillate vapours where applicable.

8.2 Exposure controls

Respiratory protection: Not normally required; use in well-ventilated area.

Hand protection: Chemical-resistant gloves (e.g., nitrile).

Eye protection: Safety goggles.

Skin protection: Protective clothing.

Environmental exposure controls: Prevent discharge into environment.

SECTION 9: Physical and chemical properties

Property	Typical Value
Appearance	Clear to amber fluid
Odour	Characteristic petroleum
pH	Not applicable
Boiling Point	>200 °C
Flash Point	>150 °C (closed cup)
Flammability	Not classified
Vapour Pressure	Low
Solubility	Insoluble in water
Density	~0.85–0.88 g/cm ³
Viscosity	30–35 cSt (mm ² /s) at 40°C and 6.5–7.5 cSt at 100°C

SECTION 10: Stability and reactivity

- 10.1 Reactivity: Stable under normal conditions
- 10.2 Chemical stability: Stable
- 10.3 Possibility of hazardous reactions: None under recommended conditions
- 10.4 Conditions to avoid: Heat, sparks, open flames
- 10.5 Incompatible materials: Strong oxidizers
- 10.6 Hazardous decomposition products: CO, CO₂, hydrocarbons when burning

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute toxicity: Not classified
- Skin corrosion/irritation: May cause mild irritation with prolonged contact
- Serious eye damage/irritation: May cause discomfort
- Respiratory or skin sensitisation: Not classified
- Germ cell mutagenicity / carcinogenicity / reproductive toxicity: Not classified
- Aspiration hazard: May be aspirated into lungs if vomiting occurs ☒ chemical pneumonitis

SECTION 12: Ecological information

- 12.1 Toxicity: No specific data; components may be harmful to aquatic life at high concentrations
- 12.2 Persistence and degradability: Components are moderately biodegradable
- 12.3 Bioaccumulative potential: May bioaccumulate
- 12.4 Mobility in soil: Low solubility suggests limited mobility
- 12.5 Results of PBT/vPvB assessment: Not PBT/vPvB
- 12.6 Other adverse effects: Avoid environmental release

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Collect as hazardous waste where local regulations require. Do not dispose to sewer.
- Recycle or incinerate at authorized facility.

SECTION 14: Transport information

- 14.1 UN number: Not regulated
- 14.2 UN proper shipping name: Not applicable
- 14.3 Transport hazard class(es): Not regulated
- 14.4 Packing group: Not applicable
- 14.5 Environmental hazards: Not regulated as Marine Pollutant
- 14.6 Special precautions: Avoid leakage
- 14.7 Transport in bulk: Follow local requirements

SECTION 15: Regulatory information

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

UK REACH (SI 2019/758)

CLP Regulation (UK) 2020/1567

Control of Substances Hazardous to Health (COSHH) 2002

15.2 Chemical safety assessment

Not conducted for product mixture. Supplier may provide separate Chemical Safety Report for hazardous components if relevant.

SECTION 16: Other information

Key sources: UK CLP Regulation, UK REACH guidance

Abbreviations:

CLP – Classification, Labelling and Packaging

COSHH – Control of Substances Hazardous to Health

PBT – Persistent, Bioaccumulative, Toxic

vPvB – very Persistent, very Bioaccumulative

Disclaimer:

Information is provided in good faith and believed accurate. Users must verify suitability for their purposes and comply with applicable laws and customer specifications.

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