

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

1.1 Product Identifier

Product Name: AutoTech 80W-90 Mineral Gear Oil

Product Codes:

ATGO8090L - 1 Litre

ATGO8090G - 5 Litres

1.2 Relevant Identified Uses of the Substance/Mixture and Uses Advised Against Identified Uses:

Gear lubrication in automotive and industrial applications.

Uses Advised Against:

Not for human consumption.

Not to be used as a coolant, hydraulic fluid (unless specified), or other unrelated industrial fluids.

1.3 Details of the Supplier of the SDS

Jivaji Auto Factors Limited
Unit 54, Plume Street Industrial Estate
Birmingham B6 7RT
United Kingdom

Tel: +44 (0)121 687 7768

Email: sales@jivaji.com

1.4 Emergency Telephone Number

UK National Poisons Information Service: 111

Emergency Response (24 hr): +44 (0)121 687 7768

2. Hazard Identification

2.1 Classification of the Substance or Mixture (UK CLP Regulation)

Based on available data and typical composition, the product is not classified as hazardous under UK CLP criteria.

2.2 Label Elements

No signal word, hazard statements, or pictograms required.

Precautionary Statements:

P102: Keep out of reach of children.

P264: Wash thoroughly after handling.

P273: Avoid release to the environment.

P501: Dispose of contents/container in accordance with local regulations.

2.3 Other Hazards

Prolonged or repeated skin contact may lead to dermatitis. Contains refined mineral oil; may contain traces of polycyclic aromatic compounds.

3. Composition/Information on Ingredients

Ingredient	CAS Number	EC Number	Concentration
Base oil – severely refined mineral oil	64742-54-7	265-157-1	70-95%
Additives (extreme pressure, antiwear, antioxidants)*	Mixtures	N/A	5-30%

*Exact composition confidential; hazardous impurities (if present) <0.1%.

No components meet classification criteria requiring labelling (if additive package has hazardous constituents, a supplementing SDS may be needed).

4. First Aid Measures

4.1 Description of First Aid Measures

Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Get medical advice if irritation persists.

Skin Contact:

Wash affected area with soap and water. Remove contaminated clothing and wash before reuse. Seek medical advice if irritation persists.

Inhalation:

Not expected to be hazardous by inhalation at ambient conditions. Move to fresh air if discomfort occurs.

Ingestion:

Do not induce vomiting. Rinse mouth. Get medical attention if symptoms occur.

4.2 Most Important Symptoms and Effects

Irritation, dermatitis with prolonged exposures.

4.3 Indication of Immediate Medical Attention

Treat symptomatically.

5. Firefighting Measures

5.1 Extinguishing Media

Suitable: Foam, dry chemical, CO₂, water spray.
Unsuitable: Water jet (may spread fire).

5.2 Special Hazards

Combustion generates smoke, carbon monoxide, carbon dioxide. Toxic fumes possible.

5.3 Advice for Firefighters

Use self-contained breathing apparatus and protective gear.

6. Accidental Release Measures

6.1 Personal Precautions

Use PPE (gloves, safety glasses). Avoid skin contact and inhalation of vapours.

6.2 Environmental Precautions

Prevent entry into drains, sewers, and waterways. Notify authorities if environmental contamination occurs.

6.3 Methods for Containment and Clean-Up

Absorb with inert material (e.g., sand). Collect into labelled containers for disposal.

7. Handling and Storage

7.1 Precautions for Safe Handling

Avoid prolonged skin contact. Wash hands before breaks and after work.

7.2 Conditions for Safe Storage

Store in tightly closed original containers in a cool, well-ventilated area. Keep away from ignition sources.

7.3 Specific End Use(s)

As an industrial lubricant; follow manufacturer's technical data.

8. Exposure Controls/Personal Protection

8.1 Control Parameters

No established UK workplace exposure limits for product.
Monitor workplace air where mist/vapour may form.

8.2 Exposure Controls

Engineering Controls:

Use adequate ventilation to control mist.

Personal Protective Equipment (PPE):

Eye: Safety glasses.

Skin: Chemical resistant gloves.

Respiratory: Not ordinarily required; if mist, use approved respirator.

Hygiene:

Do not eat, drink, or smoke during use.

9. Physical and Chemical Properties

Property	Typical Value
Appearance	Amber-brown liquid
Odour	Mild petroleum
Odour threshold	Not applicable
pH	Not applicable
Flash point	>200°C
Boiling point	>300°C
Melting point	<-30°C
Flammability	Combustible
Vapour pressure	Low
Solubility in water	Negligible
Density	~0.88-0.91 g/cm ³
Viscosity	Meets 80W-90 grade

10. Stability and Reactivity

10.1 Reactivity

Stable under normal use.

10.2 Chemical Stability

Stable if stored properly.

10.3 Possibility of Hazardous Reactions

None under normal conditions.

10.4 Conditions to Avoid

Heat, open flames.

10.5 Incompatible Materials

Strong oxidisers.

10.6 Hazardous Decomposition Products

Smoke, CO, CO₂

11. Toxicological Information

Likely Routes: Skin contact; ingestion.

Acute Toxicity: Low toxicity in normal use.

Irritation: May cause mild irritation.

Chronic Effects: Prolonged skin exposure may lead to dermatitis.

Carcinogenicity: Highly refined oils are not considered carcinogenic; impurities are below regulatory thresholds.

12. Ecological Information

12.1 Toxicity

May be harmful to aquatic life.

12.2 Persistence and Degradability

Inherently non-readily biodegradable.

12.3 Bioaccumulative Potential

Potential due to hydrocarbon nature.

12.4 Mobility in Soil

Likely to adsorb to soil/sediment.

12.5 Other Adverse Effects

Avoid release to environment.

13. Disposal Considerations

Dispose of in accordance with local/national regulations. Do not discharge into sewer or waterways. Waste oil should be collected for recycling or disposal at an approved facility.

14. Transport Information

UN Number: Not regulated for road/rail/sea/air transport.

Proper Shipping Name: Not classified as dangerous goods.

Transport Hazard Class: N/A

Packing Group: N/A

Environmental Hazards: Not listed.

15. Regulatory Information

UK REACH: Substance/mixture registered or exempt.

CLP Regulation: Not classified hazardous.

Health & Safety at Work Act; COSHH: May require control measures.

Environmental Legislation: Avoid release to environment.

16. Other Information

Abbreviations:

CAS – Chemical Abstracts Service

CLP – Classification, Labelling and Packaging Regulation

UK REACH – UK Registration, Evaluation, Authorisation and Restriction of Chemicals

Disclaimer:

The information contained herein is believed accurate at time of preparation but is not guaranteed. It is provided in good faith and applies specifically to the product as supplied. Users should verify suitability before using.

Revision date: 22/10/2025

Version: 1.4