

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

Product Identifier

Product Name: AutoTech 5W-40 Fully Synthetic Engine Oil

Product Type: Lubricating oil mixture

Relevant identified uses

Identified uses:

- Lubricating oil for petrol and diesel internal combustion engines.
- Professional, industrial, and consumer use

Uses advised against:

- Any use other than lubrication in automotive engines.

Supplier Details

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

Telephone: 0121 687 7768

Email: sales@jivaji.com

Emergency telephone number

Business hours: 0121 687 7768

Outside hours: Contact NHS 111 or local Accident & Emergency Department

SECTION 2: Hazards identification

Classification (GB CLP)

Not classified as hazardous under GB CLP Regulation.

Other hazards

Prolonged or repeated skin contact may cause dermatitis
Used engine oil may contain harmful combustion by-products
Oil spills create slipping hazard
Environmental hazard if released in large quantities

Label Elements

Hazard pictograms: None required

Signal word: None

Hazard statements: Not classified

Precautionary statements

P264 – Wash hands after handling

P273 – Avoid release to the environment

P280 – Wear protective gloves during prolonged exposure
P501 – Dispose of contents/container in accordance with local regulations

SECTION 3: Composition/information on ingredients

Mixture: Fully synthetic lubricating oil

Component	CAS Number	Concentration
Distillates (petroleum), hydrotreated heavy paraffinic Lubricating oils (petroleum), C20-50 hydrotreated	64742-54-7	60-85%
Additives (detergents, dispersants, anti-wear agents including zinc dialkyldithiophosphate)	72623-87-1 Various	5-15% <10%

Highly refined mineral oils contain <3% DMSO extract according to IP346.

SECTION 4: First aid measures

General advice

Remove contaminated clothing. Seek medical attention if symptoms persist.

Inhalation

Move person to fresh air.
If breathing difficulty occurs: seek medical attention.

Skin contact

Wash with soap and water.
Remove contaminated clothing.
If irritation occurs obtain medical advice.

Eye contact

Rinse cautiously with clean water for at least 10 minutes.
Remove contact lenses if present.
Seek medical advice if irritation persists.

Ingestion

Do NOT induce vomiting.
Rinse mouth with water.
Seek medical advice.

Most important symptoms

Mild eye irritation
Skin dryness/dermatitis after prolonged exposure

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Foam
Dry powder
CO2
Water fog

Unsuitable media

Direct water jet

Specific hazards

Combustion may produce carbon monoxide, carbon dioxide, sulphur oxides, phosphorus oxides

Advice for firefighters

Wear self-contained breathing apparatus (SCBA)
Cool containers with water spray
Flash point: >200 °C (typical for engine oils)

SECTION 6: Accidental release measures

Personal precautions

Avoid skin contact
Wear protective gloves
Prevent slipping
Environmental precautions
Prevent entry into drains, soil and watercourses
Containment and clean-up
Contain using sand, earth, or absorbent granules
Collect into suitable labelled container
Dispose via licensed waste contractor

SECTION 7: Handling and storage

Safe handling

Avoid prolonged skin contact
Do not eat, drink or smoke while handling
Wash hands after use
Storage
Store in tightly closed containers
Store between 0°C and 40°C
Keep away from strong oxidising agents

Incompatible materials

Strong oxidisers

SECTION 8: Exposure controls / personal protection

Exposure limits

No specific workplace exposure limit assigned for the mixture.
Oil mist (general guidance): 5 mg/m³ (8-hr TWA typical occupational guidance).

Engineering controls

Provide adequate ventilation where oil mist may form.
Personal protective equipment
Hands: Nitrile gloves
Eyes: Safety glasses if splashing possible
Skin: Protective clothing for prolonged contact
Respiratory: Not normally required

SECTION 9: Physical and chemical properties

Property	Value
Appearance	Amber liquid
Odour	Mild petroleum
Density	~0.85 g/cm ³
Flash Point	~220°C
Pour Point	~-36°C
Solubility	Insoluble in water
Viscosity Grade	SAE 5W-40

SECTION 10: Stability and reactivity

Reactivity: Stable under normal conditions
Chemical stability: Stable
Possibility of hazardous reactions: None known
Conditions to avoid: Excessive heat, open flame
Incompatible materials: Strong oxidising agents
Hazardous decomposition products: CO, CO₂, aldehydes, sulphur oxides

SECTION 11: Toxicological information

Acute toxicity
Low toxicity expected.

Likely routes of exposure

Skin contact (primary)
Eye contact
Inhalation of oil mist

Effects

Skin: Dryness/irritation after prolonged exposure

Eyes: Mild irritation

Inhalation: Irritation if mist inhaled

Ingestion: Gastrointestinal discomfort

Used oil may contain carcinogenic combustion contaminants.

SECTION 12: Ecological information

Ecotoxicity: Harmful to aquatic organisms in large quantities

Persistence/degradability: Not readily biodegradable

Bioaccumulative potential: Low to moderate

Mobility in soil: Floats on water, spreads on surface

Other adverse effects: Oil films can reduce oxygen transfer in water

SECTION 13: Disposal considerations

Dispose in accordance with Environmental Protection Act and local authority requirements.

Do not discharge into drains.

Waste code (typical):

13 02 05* — Mineral-based non-chlorinated engine oils

Used oil must be collected by licensed waste oil contractor.

SECTION 14: Transport information

Not classified as dangerous goods for transport.

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

UN number: Not applicable

Environmental hazards: Avoid bulk release

SECTION 15: Regulatory information

This product is regulated under:

UK REACH Regulation (EC 1907/2006 retained law)

GB CLP Regulation (classification, labelling and packaging)

Contains highly refined base oils not classified as carcinogenic.

COSHH assessment recommended for workplace use.

SECTION 16: Other information

Key abbreviations

CLP – Classification, Labelling and Packaging Regulation

REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals

PBT – Persistent, Bioaccumulative, Toxic

Training advice

Users should be trained in safe handling of lubricants and spill response.

Disclaimer

This information is based on available knowledge of lubricating oil mixtures and is intended to describe safety requirements only. It does not constitute a product specification or guarantee of properties.

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