

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

#### Product Identifier

**Product Name:** AutoTech 0W-20 Fully Synthetic Engine Oil

**Product Type:** Lubricating oil mixture

**Viscosity Grade:** SAE 0W-20

**Specification:** C5 C6

#### Relevant identified uses

##### Identified uses:

- Automotive engine lubricant for petrol and diesel 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

Chemical name	CAS Number	Concentration
Highly refined base oil (petroleum)	64742-54-7	60–90%
Synthetic base oils	Various	10–40%
Performance additives (detergents, dispersants, antioxidants)	Proprietary	1–10%

Highly refined base oils contain <3% DMSO extract (IP 346) and are not classified as carcinogenic.

### 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/m<sup>3</sup> (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:	Clear amber liquid
Odour:	Mild petroleum odour
pH:	Not applicable
Flash point:	>200 °C
Pour point:	approx. -40 °C
Density (15°C):	approx. 0.84–0.86 g/cm <sup>3</sup>
Solubility:	Insoluble in water
Viscosity grade:	SAE 0W-20

### 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, CO<sub>2</sub>, 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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