



# SAFETY DATA SHEET

## SUPER SYNTHETIC GF-4 API SN 5W-40

### Section 1. Identification

<b>Material name:</b>	SUPER SYNTHETIC GF-4 API SN 5W-40
<b>Product Code</b>	3900
<b>SDS no.</b>	SDS 3900-1 AU
<b><u>Relevant identified uses of the substance or mixture and uses advised against</u></b>	
<b>Use of the substance/ mixture</b>	Automotive engine crankcase lubricant. For specific application advice see appropriate Technical Data Sheet or consult our company representative
<b>Manufacturer Supplier</b>	Petromin Corporation P.O.BOX: 1432, Jeddah 21431 Prince Sultan Road, Ayah Mall <a href="http://www.petromin.com">www.petromin.com</a> Tel: +966 12 60 8300 Fax: +966 12 608 2545
<b>Australian Supplier</b>	International Lubricant Distributors Pty Ltd Unit 11, 100 Hay Street, Subiaco, 6008, WA ABN 79 139 276 887 <a href="mailto:admin@ilddirect.com">admin@ilddirect.com</a> Tel: 1300 558 939 Fax: +61 8 9381 1788
<b>Emergency Telephone Number</b>	Technical Services Department Telephone: +966 12 215 7000

### Section 2. Hazard(s) identification

<b>Classification of the substance or mixture</b>	Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
<b>GHS label elements:</b>	
<b>Hazard Pictograms:</b>	No hazard pictogram is used
<b>Signal word:</b>	No signal word is used
<b>Hazard statement:</b>	No known significant effects or critical hazards
<b>Precautionary statement:</b>	
<b>Prevention:</b>	Not applicable
<b>Response:</b>	Not applicable
<b>Storage:</b>	Not applicable
<b>Disposal:</b>	Not applicable
<b>Other hazards which do not result in classification</b>	Not applicable



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## Section 3. Composition and ingredient information

Substance/ mixture Mixture

Components	CAS No.	Percent
Distillates (petroleum), hydrotreated light paraffinic	64742-54-7	80-90%
Performance Additives	Mixture	<20%

## Section 4. First aid measures

### Description of necessary first aid measures

<b>Eye contact</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check and remove any contact lenses. Get medical attention
<b>Skin contact</b>	No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water.
<b>Inhalation</b>	If inhaled, remove the person to fresh air. Get medical attention if symptoms
<b>Ingestion</b>	Do not induce vomiting. As a precaution, get medical advice.
<b>Symptoms caused by exposure</b>	Not available
<b>Special Treatment</b>	No special treatment

## Section 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	In case of fire, use Foams, dry chemicals, CO <sub>2</sub> , nylons and powders
<b>unsuitable extinguishing media</b>	Do not use water
<b>Protection Equipment</b>	Heat resistant suit and gloves, Self-contained breathing apparatus
<b>Special Risks</b>	None
<b>Special Measures</b>	Not required
<b>Combustion Products</b>	CO <sub>2</sub> , H <sub>2</sub> O, CO (in defect of air), nitrogen, sulfur and phosphorus oxides

## Section 6. Accidental release measure

<b>Precautions for the Environment</b>	Hazard of physical fouling to coasts, soils, etc. due to low solubility and high viscosity of the oils. Avoid the material entering water intakes
<b>Clean-up Method</b>	Treat as an accidental oil spill or leak; avoid dispersion of the material with mechanical barriers. Remove with physical or chemical treatment
<b>Personal Precautions</b>	Avoid prolonged contact with contaminated clothes or with the product
<b>Personal Protection</b>	Gloves and goggles or face shield

## Section 7. Handling and storage

### Precautions for safe handling & storage

Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations. Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940. This product should be stored and used in a well-ventilated area away from naked flames, sparks and other sources of ignition.

### Dangerous practices

Not available

## Section 8. Exposure control/ Personal protection

### Exposure Standard

No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m<sup>3</sup>.TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

### Respiratory Protection



If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour/mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

### Eye Protection



Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

### Hand Protection



Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS2161.1: Occupational protective gloves - Selection, use and maintenance.

### Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.



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## Section 9. Physical and chemical properties

### Information on basic physical and chemical properties:

#### Appearance:

Physical state:	Liquid
Color:	Brownish Oil
Specific Gravity (at 15°C):	0.851 (typical)
Flash point:	228 °C
Explosive Properties:	Not available
Oxidizing Properties:	Not available
Water Solubility:	Insoluble (100 PPM max. H <sub>2</sub> O)
Solubility:	Organic solvents
Vapor Density:	Not available
Vapor Pressure:	Not available
Viscosity at 100°C:	14.67 cSt (typical)
Pour Point:	-42 °C (typical)
Boiling Point:	Not available

## Section 10. Stability and reactivity

Reactivity	Stable under recommended transport storage conditions
Chemical stability	The product is stable
Polymerization Risk	Not available
Materials to Avoid	Strong oxidants react with oils and organic materials
Hazardous Decomposition products	Not available
Condition to Avoid	Exposure to open flames

## Section 11. Toxicological information

Routes of Exposure	Contact with skin, eyes and inhalation. Ingestion is not frequent.
Acute and chronic Effects	No malignant acute effects are known. Chronic effects due to repeated exposures are irritation, dermatitis and acne
Carcinogenicity	Not available
Reproductive Toxicity	No evidences
Medical Conditions which increase Hazard to Exposure	Respiratory tract deficiencies and dermatological problems



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## Section 12. Ecological information

### Pollutant Potential:

**Persistence and Degradability** the material is oily and viscous and floats on water. It presents a high physical fouling potential, mainly in sea-spills; by contact, destroys small aquatic organisms and makes living difficult for upper organisms, not allowing the

**Mobility/Bioaccumulative Potential** it does not present bioaccumulative problems in living organisms or incidence in the trophic food chain, although it may cause long-term adverse effects in the aquatic environment, due to its high physical fouling potential

**Eco toxicological Effect:** Dangerous for aquatic life in high concentrations (spills).

## Section 13. Disposal consideration

**Disposal Methods (surplus)** Recycling and recovery of base oils when possible

**Disposal (waste)** Only in specific prepared and controlled areas. Avoid releasing oils to sewers because they can destroy water treatment plant Microorganisms. Do not attempt to clean containers since residue is difficult to remove; dispose in a safe way.

**Handling (waste)** Labeled and sealed containers. Avoid direct contact with waste oils.

## Section 14. Transport information

**Special Precautions** Stable at room temperature and during transport. Store in cool well ventilated areas.

**Transport Information** Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**UN Number** Not regulated

**Road (ADR)/ Rail (RID)  
/River (ADNR)** Not regulated

**Airline (IATA-ACAO)** Not regulated

**Marine (IMO-IMDG)** Not regulated

**Special precautions for user** Not available



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## Section 15. Regulatory information

**Regulatory Information** Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**Poisons Schedule** Not Scheduled

**Regulation** **CERCLA/SARA - Section 302 Extremely Hazardous Substances and TPQs (in pounds):**  
This material does not contain any chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372.

**CERCLA/SARA - Section 311/312 (Title III Hazard Categories)**

<b>Acute Health:</b>	No
<b>Chronic Health:</b>	No
<b>Fire Hazard:</b>	No
<b>Pressure Hazard:</b>	No
<b>Reactive Hazard:</b>	No

**CERCLA/SARA - Section 313 and 40 CFR 372** This material does not contain any chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372

**EPA (CERCLA) Reportable Quantity (in pounds)** This material does not contain any chemicals with CERCLA Reportable Quantities

**California Proposition 65** This material does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm at concentrations that trigger the warning requirements of California Proposition 65

**Canadian** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the Regulations. WHMIS Hazard Class: None

**National Chemical Inventories** All components are either listed on the US TSCA Inventory, or are not regulated under TSCA. All components are either on the DSL, or are exempt from DSL listing requirements

**U.S. Export Control Classification Number** EAR99



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## Section 16. Other information

### History:

Date of Issue 18/12/2018  
Revision Version Version 1.0  
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Previous Issue Date

### Guide to Abbreviations

**CAS** Chemical Abstracts Service  
**ACGIH** American Conference of Governmental Industrial Hygienists  
**CASRN** Chemical Abstracts Service Registry Number  
**CEILING** Ceiling Limit (15 minutes)  
**CERCLA** The Comprehensive Environmental Response, Compensation, and Liability Act  
**EPA** Environmental Protection Agency  
**IARC** International Agency for Research on Cancer  
**LEL** Lower Explosive Limit  
**NE** Not Established  
**NFPA** National Fire Protection Association  
**NTP** National Toxicology Program  
**OSHA** Occupational Safety and Health Administration  
**PEL** Permissible Exposure Limit (OSHA)  
**SARA** Superfund Amendments and Reauthorization Act  
**STEL** Short Term Exposure Limit (15 minutes)  
**TLV** Threshold Limit Value (ACGIH)  
**TWA** Time Weighted Average (8 hours)  
**UEL** Upper Explosive Limit  
**WHMIS** Worker Hazardous Materials Information System (Canada)

### Disclaimer of Expressed and implied Warranties

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date indicated. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness.

It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.