



SAFETY DATA SHEET

Engine Oil Supplement

SECTION 1: IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: Engine Oil Supplement
Other Names: n/a
Recommended Use: Lubricant Additive
Applicable in: Australia
Supplier: Wolfchester Australia
Address: 4/122 Beresford Road, Lilydale Victoria-3140
Telephone: + 61 3 97372800
Email Address: sales@wolfchester.com.au

Emergency Phone Number: 000 Fire Brigade and Police (available in Australia only).
Poisons Information Centre: 13 11 26 (available in Australia only).

This Safety Data Sheet (SDS) is issued by the Supplier in accordance with National standards and guidelines from the Australian Safety and Compensation Council (ASCC, formerly National Occupational Health and Safety Commission - NOHSC). The information in it must not be altered, deleted or added to. The Supplier will not accept any responsibility for any changes made to its SDS by any other person or organization. The Supplier will issue a new SDS when there is a change in product specifications and/or ASCC standards, codes, guidelines, or Regulations.

SECTION 2: HAZARD IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE: Classified as **Hazardous** according to the criteria of the Australian Safety and Compensation Council ASCC (formerly NOHSC) Approved Criteria For Classifying Hazardous Substances [NOHSC:1008] 3rd Edition.

Engine Oil Supplement is **NOT classified** as **Dangerous** Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

GHS Classification:

Skin irritation - Category 2;
Eye irritation - Category 2A

GHS LABEL ELEMENTS

Symbol (s)





Signal Word: Warning

Hazard Statements:

Causes skin irritation.

Causes serious eye ir

Wash hands and skin thoroughly after handling. Wear protective gloves.

Wear eye protection/face protection.

IF ON SKIN: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse. If skin irritation occurs:

Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Storage

P405: Store locked up

P403+235: Store in a well-ventilated place. Keep cool

Disposal

P501: Dispose of contents and container to appropriate waste site of reclaimer in accordance with local and national regulations.

Poisons Schedule (Aust): S5

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Classification of components according to GHS

Chemical name	CAS	Conc.
Lubricating oils (petroleum), hydrotreated spent	64742-58-1	>95%
Zinc C1-C14 alkyldithiophosphate	68649-42-3	<5%

SECTION 4: FIRST AID MEASURES

Information:

Consult a physician. Show this safety data sheet to the doctor in attendance

Ingestion:

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician..

Eyes:

Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment.



Skin:	Remove contaminated clothing, wash off with plenty of water and soap. Consult a physician if any symptoms arise.
Inhaled:	Remove to fresh air. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.
First Aid Facilities:	Eye wash fountains and safety showers should be available for emergency use.
Advice to Doctor:	The most important known symptoms and effects are described in the labelling and in section 11
Most important symptoms and effects acute and delayed	cough, nausea, vomiting, headache, unconsciousness, shortness of breath, dizziness, narcosis.
Immediate medical attention, special treatment	Lung oedema, central nervous system effects, Prolonged skin contact may degrease the skin and produce dermatitis.

SECTION 5: FIRE FIGHTING MEASURES

Specific Hazards:	Under conditions giving incomplete combustion, hazardous gases produced may consist of: carbon monoxide (CO) carbon dioxide (CO ₂) Combustion gases of organic materials must in principle be graded as inhalation poisons Vapour is heavier than air and can travel considerable distance to a source of ignition and flashback Vapours may form explosive mixtures with air
Suitable extinguishing media:	Carbon dioxide or dry chemical. Use water to keep non-leaking, fire-exposed containers cool.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Special protective precautions and equipment for fire fighters:	Wear full protective clothing and self-contained breathing apparatus.
Other advice	Cool containers / tanks with water spray. Dike and collect water used to fight fire. Water run-off can cause environmental damage. Keep people away from and upwind of fire.



SECTION 6: ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled or released material. For guidance on selection of personal protective equipment see chapter 8 of this Safety Data Sheet.

Personal Precautions, Protective Equipment, and Emergency Procedures

Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas. Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling. Only use where there is adequate ventilation. Do not puncture or incinerate container even when empty. Do not weld, cut or perform hot work on empty container until all traces of product have been removed.

Conditions for Safe Storage

Store in an area that is: well-ventilated, cool, dry. Store in a closed container. Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this safety data sheet.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate Engineering Controls

Sufficient mechanical ventilation to maintain exposures below the TLV. Under normal conditions of use, general ventilation should be satisfactory. Local ventilation is recommended if the product is misted or used in a confined space or if the TLV is exceeded. Make up air should always be supplied to balance air exhausted. Provide eyewash in work area, if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Safety glasses with side shields.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Suitable materials are: Viton®, nitrile rubber.

Respiratory Protection

Not normally required if product is used as directed.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colorless liquid
Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting point / Freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapour Pressure	No data available
Vapour density (Air = 1.0)	No data available
Relative density	0.87-0.88g/cm ³ at 15°C
Water solubility	No data available
Partition coefficient: n-octanol water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Unstable under exposure to light otherwise stable under normal conditions.
Incompatible Materials:	Strong acids, strong bases.
Conditions to avoid:	Direct sunlight, heat, sparks, flame and build-up of static electricity.
Hazardous Decomposition Products:	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Hazardous Reactions:	Hazardous polymerization will not occur. Vapors may form explosive mixture with air.

SECTION 11: TOXICOLOGICAL INFORMATION



Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure

Skin contact.

Eye contact.

Ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Distillates (petroleum), hydrotreated heavy naphthenic	2180 mg/m ³ (rat) (4-hour exposure)	> 5000 mg/kg (rat)	> 2000 mg/kg (rabbit)
Hydrotreated light naphthenic distillate	2180 mg/m ³ (rat)	> 5000 mg/kg (rat)	> 2000 mg/kg (rabbit)

23% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (inhalation).

Inhalation ATEmix = 165.32 mg/L (4-hour exposure) (vapour).

23% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (oral).

Oral ATEmix = 5661.77 mg/kg.

23% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (dermal).

Dermal ATEmix = 2264.71 mg/kg.

There is limited evidence of moderate or severe irritation.

Serious Eye Damage/Irritation

There is limited evidence of serious eye irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

At high concentrations may cause nose and throat irritation.

Skin Absorption

No information was located.

Ingestion

May cause irritation of the mouth, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

Aspiration Hazard

Not known to be an aspiration hazard.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

No information was located for respiratory sensitization.

No information was located for skin sensitization.

Carcinogenicity

No information was located.

No information was located for: Development of Offspring, Sexual Function and Fertility, Effects on or via Lactation, Germ Cell Mutagenicity, Interactive Effects



SECTION 12: ECOLOGICAL INFORMATION

Avoid contaminating waterways

Acute aquatic hazard	This material has been classified as non-hazardous. Acute toxicity estimated (based on ingredients) >100mg/L
Long-term aquatic hazard	This material has been classified as non-hazardous. Acute toxicity estimated (based on ingredients) >100mg/L
Ecotoxicity	No information available
Persistence and degradability	No information available
Bioaccumulative potential	No information available
Mobility	No information available

SECTION 13: DIPOSAL CONSIDERATIONS

Dispose of waste as per federal, EPA, state and local regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.

SECTION 14: TRANSPORT INFORMATION

Proper Shipping Name:	Not Regulated
UN number:	Not Regulated
DG Class:	Not Regulated
Subsidiary Risk 1:	Not Regulated
Packaging Group:	Not Regulated
HAZCHEM code:	Not Regulated
Marine Pollutant:	No
Special Precautions for User:	Refer to incompatibilities in section 7 and stability and reactivity information in section 10.
ADDITIONAL TRANSPORT REQUIREMENTS:	Nil

SECTION 15: REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Chemical inventory status

Listed in AICS, DLS, INV (CN), ENCS (JP), TSCA, EINECS, KECI (KR) and PICCS (PH)

SECTION 16: OTHER INFORMATION

For further information on this product, please contact:

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ADDITIONAL INFORMATION

Australian Standards References:

AS 1020	The Control of undesirable static electricity.
AS 1076	Code of Practice for selection, installation and maintenance of electrical apparatus and associated equipment for use in explosive atmospheres (other than mining applications) – Parts 1 to 13.
AS/NZS 1336	Recommended Practices for Occupational Eye Protection
AS/NZS 1715	Selection, Use and Maintenance of Respiratory Protective Devices
AS/NZS 1716	Respiratory Protective Devices
AS 1940	The Storage and Handling of Flammable and Combustible Liquids.
AS 2161	Industrial Safety Gloves and Mittens (excluding electrical and medical gloves)
AS 2380	Electrical equipment for explosive atmospheres – Explosion Protection Techniques (Parts 1 to 9).
AS 3000	Electrical installations (known as the Australian/New Zealand Wiring Rules).

Other References:

NOHSC:2011(2003)	National Code of Practice for the Preparation of Safety Data Sheets 2nd Edition, April 2003, National Occupational Health and Safety Commission.
NOHSC; 2012 (1994)	National Code of Practice for the Labeling of Workplace Substances, March 1994, Australian Government Publishing Service, Canberra.
NES	National Occupational Exposure Standards for workplace Atmospheric Contaminants (NES) Australian Safety and Compensation Council, ASCC (Formerly NOHSC) 1995 as amended.
ADG Code 6th Edition	Australian Dangerous Goods Code 6th Edition

AUTHORISATION

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END OF SDS

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