



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY

Product Name: Advanced Technology Grease Engine Oil Treatment

Product Code: ATG EOT-01

Recommended Usage: Engine Oil Treatment

Importer: One Five Industries Pty Ltd
trading as Advanced Technology Grease

Address: Lot 15 Eastern Service Road, Stapylton Qld Australia 4207

Phone Number: 07 3807 8919

Email: info@atgrease.com.au

Web: www.atgrease.com.au

Emergency Contact: 13 11 26 (*Poisons Information Centre*)

2. HAZARD IDENTIFICATION

Hazardous Nature:



GHS08 health hazard

Acute Tox. 1 H304 Maybe fatal if swallowed and enters airways

Carcinogenicity – Cat 1B

Aspiration Toxicity – Cat 1

Label Elements

Signal Word Danger/Warning

Hazard Statements

H304 Maybe fatal if swallowed and enters airways

H350 May cause cancer

Fire and Explosion Combustible, product emits toxic fumes when burned

Potential Health Risks $\leq 1\%$ of mixture consists of ingredients of unknown acute toxicity

Precautionary Statements

P210	Keep away from heat, sparks, open flame, hot surfaces. No smoking.
P301+P310	IF SWALLOWED: Immediately call Poison Centre or Doctor
P331	Do NOT Induce vomiting
P405	Store in a locked cabinet. Keep out of reach of children
P410, P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F
P501	Dispose of contents and container in accordance with national regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture of items listed below with the addition of non-hazardous ingredients.

Hazardous Components:

64742-55-8 Distillates (Petroleum), hydrotreated light paraffinic	20-30%
64742-62-7 Residual oils (petroleum), solvent-dewaxed	15-20%
Distillates (Petroleum), solvent-dewaxed heavy paraffinic	5-15%

4. FIRST AID MEASURES

Inhalation	If inhaled, remove patient to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.
Skin Contact	In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.
Eye Contact	In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses where possible and continue rinsing. Seek medical attention.
Ingestion	If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person. Seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Carbon dioxide, dry chemicals, sand, alcohol resistant foam, fog or mist and water spray.
Specific Hazards arising From the Chemical	Runoff to sewer may cause fire or explosion hazard. Fire may produce irritating, corrosive and/or toxic gases
Special Protective Equipment and Precautions for Fire Fighters	Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.
Further Information	Use water spray to cool unopened containers

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Keep all sources of ignition and hot metal surfaces away from spill.
Environmental Precautions	In the event of a major spill, prevent spillage from entering drains or water courses.
Methods and Materials for Containment and Cleaning up	Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Use only non-sparking tools.

7. HANDLING AND STORAGE

Precautions for safe handling	Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use in a well-ventilated area. Do not use near open flame, heat or other sources of ignition. Do not use if spray button is missing or defective. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet after using this product. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.
Conditions for safe storage	Store in a cool, dry and well-ventilated area. Keep container tightly closed. Protect from direct sunlight, heat, sparks, open flames, and hot surfaces. Do not expose to temperatures exceeding 49 °C Keep in area equipped

with sprinklers.
Keep out of reach of children. Store locked up

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards (Safe Work Australia)	This product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace
Engineering Controls	Provide adequate ventilation or other engineering. Use explosion-proof ventilating equipment

Personal Protective Equipment (PPE)

Respiratory Protection	Wear an approved respirator if ventilation is insufficient. See Australian Standards AS/NZS 1715 and 1716 for more information.
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Skin Protection	Protective gloves and protective clothing. See Australian Standards AS/NZS 2161, 2210.1 and 2210.2 for more information.
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Eye and Face Protection	Safety glasses with top and side shields or goggles. See Australian Standards AS/NZS 1336 and 1337 for more information.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Colour	Amber
Odour	Mild aromatic hydrocarbon
Odour threshold	No information available
p	No information available
Dropping Point, °C	Not applicable
Melting Point / Melting Range	No information available
Initial boiling point / Final boiling point	No information available
Flash Point	>200 °C (400 °F) Method C.O.C. (Combustible IIIB)
Flammability	No information available
Auto ignition temperature	No information available
Decomposition temperature	No information available
Explosion Limits	
Lower	No information available
Upper	No information available
Vapour Pressure @ 21.1°C	No information available
Relative Density	0.879 (estimated)
Evaporation rate	No information available
Solubility in water	Not Applicable
Partition co-efficient (n-octanol/water)	No information available
VOC	No information available

10. STABILITY AND REACTIVITY

Reactivity	Reacts with strong oxidizers
Chemical Stability	Stable under recommended conditions
Conditions to avoid	Heat, sparks, open flames, hot surfaces and direct sunlight.
Incompatible Materials	Oxidising agents
Hazardous Decomposition Products	No hazardous decomposition products known

11. TOXICOLOGICAL INFORMATION

Toxicity	64742-55-8 Distillates (petroleum) hydrotreated light paraffinic		
LD ₅₀ /LC ₅₀ Values	Oral	LD ₅₀	No information available
Relevant for classification	Dermal	LD ₅₀	No information available
	64742-62-7 Residual oils (petroleum), solvent-dewaxed		
	Oral	LD ₅₀	No information available
	Dermal	LD ₅₀	No information available
	Inhalation	LC ₅₀	3.9 mg/L (Inhalation/rat)

ACUTE HEALTH EFFECTS

Inhalation	Inhalation hazard: intentional misuse by inhaling can be harmful or fatal
Skin	May cause skin irritation
Eye	May cause eye irritation
Ingestion	Exposure by ingestion is unlikely.
Skin Corrosion / Irritation	Based on classification principles, the classification criteria are not met.
Respiratory or Skin Sensitisation	Based on classification principles, the classification criteria are not met.
Germ Cell Mutagenicity	No data available
Carcinogenicity	No data available
Reproductive Toxicity	Based on classification principles, the classification criteria are not met.
Specific Target Organ Toxicity (STOT) – Single Exposure	Based on classification principles, the classification criteria are not met.
Specific Target Organ Toxicity (STOT) – Repeated Exposure	Based on classification principles, the classification criteria are not met.
Aspiration Hazard	May be fatal if swallowed and enters airways
Chronic Health Effects	Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Prolonged inhalation may be harmful. May cause central nervous system disorder involving loss of

**Existing Conditions
Aggravated by Exposure**

coordination, weakness, fatigue, mental confusion and blurred vision.
May cause delayed lung damage.
No information available.

12. ECOLOGICAL INFORMATION

Eco toxicity	Contains a substance which causes risk of hazardous effects to the environment
Aquatic toxicity	No data available.
Persistence and Degradability	No data available.
Bio accumulative Potential	No data available.
Mobility in soil	No data available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods and Containers	Dispose according to applicable local and state government regulations
Special Precautions for Landfill or Incineration	Please consult your state land waste management authority for more information

14. TRANSPORT INFORMATION

	ADR/RID	ADN/ADNR
UN Number	No data available.	
UN Proper Shipping Name	No data available.	
Transport Hazards Class(es)	No data available.	
Packaging Group	No data available.	
Environmental Hazards	No data available.	
Special Precautions for user	No data available.	
Transport in Bulk according to annex II or MAPOL 73/78 and the IBC Code	No data available.	

15. REGULATORY INFORMATION

National Safety, Health and Environmental Regulations	64742-55-8 Distillates (petroleum), hydrotreated light paraffinic 74-98-6 Propane 64742-62-7 Residual oils (petroleum), solvent-dewaxed
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16. OTHER INFORMATION

Acronyms used

ADG	Australian Dangerous Goods
GHS	Globally Harmonised System
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
CAS	Chemical Abstracts Service
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
LC₅₀	Lethal Concentration, 50 percent
LD₅₀	Lethal Dose, 50 percent
STEL	Short Term Exposure Limit
TWA	Time Weighted Average
NES	National Exposure Standard
VOC	Volatile Organic Compounds

MSDS data revised date: February 2022

Legal Disclaimer: The above information is intended to give general health and safety guidance on the storage and transport of the substance or product to which it relates. The requirement or recommendation of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product shall take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given. The information provided in this safety data sheet is accurate at the date of publication, and will be updated when appropriate.