SAFETY DATA SHEET

WYNN'S (P) HEAVY DUTY TECH 1

Infosafe No.: 5APJK
ISSUED Date: 19/06/2017
Issued by: ITW AAMTech

1. IDENTIFICATION

GHS Product Identifier
WYNN'S (P) HEAVY DUTY TECH 1

Product Code
57510

Company Name
ITW AAMTech (ABN 63 004 235 063)

Address
1-9 NINA LINK DANDENONG SOUTH
VIC 3175 AUSTRALIA

Telephone/Fax Number
Tel: 1800 177 989
Fax: +61 2 9725 4698

Emergency phone number
1800 638 556

E-mail Address
info@aamtech.com.au

Recommended use of the chemical and restrictions on use
Pre-mixed vehicle engine coolant.

Disclaimer
Website: www.aamtech.com.au
*
Email: info@aamtech.com.au
*
New Zealand
Autoserv NZ Ltd
2/38 Trugood Drive, East Tamaki, Auckland
Tel: 0800 438 996
Email: warehouse@autoserv.co.nz

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture
Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
Not classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

Precautionary statement – Prevention
Avoid breathing dust/fume/gas/mist/vapours/spray.

Precautionary statement – Response
IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
Call a POISON CENTER or doctor/physician if you feel unwell.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Propylene glycol	57-55-6	30-60 %
Denatonium benzoate	3734-33-6	10 ppm
Ingredient determined not to be hazardous	Not required	Balance

4. FIRST-AID MEASURES

Inhalation
Remove victim from exposure to fresh air. If rapid recovery does not occur, seek medical advice.

Ingestion
Rinse mouth with water. Give water to drink. Do NOT induce vomiting. If symptoms develop, seek medical attention.

Skin
Remove contaminated clothing. Wash affected area with soap and plenty of water. If irritation persists, seek medical advice.

Eye contact
Immediately flush eyes with plenty of water for 15 minutes, holding eyelids open. If irritation persists, seek medical attention.

Advice to Doctor
Treat symptomatically based on judgement of doctor and individual reactions of patient.
It is only slightly irritating to mucous membranes and skin. It is also of low toxicity following acute ingestion. After absorption of high doses, systemic effects like CNS depression may occur. Hot vapours may cause lung damage.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Dry chemical, alcohol resistant foam, carbon dioxide, water spray.
Unsuitable extinguishing media: Solid water stream.

Hazards from Combustion Products
CO2, H2O and CO (in the absence of oxygen). At high temperatures the product decomposes producing toxic and irritant fumes.

Special Protective Equipment for fire fighters
Full protective clothing and SCBA

Specific Methods
Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk. Do NOT allow fire fighting water to reach waterways, drains or sewers. Store fire fighting water for treatment.
Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves) or chemical splash suit.

Precautions in connection with Fire
Combustible. Will only burn if enveloped in a pre-existing fire. The vapour is heavier than air, spreads along the ground and distant ignition is possible.
Heat from fire can generate flammable vapour. When mixed with air and exposed to ignition source, vapours can burn in open or explode if confined. Fine sprays/mists may be combustible at temperatures below normal flash point. Fight fire from a safe distance/protected location. Heat may build enough pressure to rupture closed containers/spreading fire/increasing risk of burns/injuries. Use water spray/fog for cooling. Burning liquid may float on water. Although water soluble, may not be practical to extinguish fire by water dilution. Notify authorities immediately if liquid enters sewer/public waters.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures
Eliminate all sources of ignition. Increase ventilation. Personnel involved in the clean up should wear full protective clothing as listed in section 8. Avoid walking through spilled product as it may be slippery. Use clean, non-sparking tools and equipment.

Methods And Materials For Containment And Cleaning Up
Extinguish all ignition sources. Stop release; prevent flow to sewers/public waters.
Impound/recover large land spill; soak up small spill with inert solids.
Soak up small spills with inert solids. Use suitable disposal containers. On water, material is soluble and may float or sink. Contain/ collect rapidly to minimize dispersion. Disperse residue to reduce aquatic harm. Report per regulatory requirements.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges
by bonding and grounding equipment. Avoid contact with eyes, skin and clothing. Do not inhale product vapours.
Avoid prolonged or repeated exposure.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry, well-ventilated area. Store away from heat. Do not store together with oxidizing and self-igniting products. Protect from moisture. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials as listed in section 10. Protect from direct sunlight, heat and static discharges.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Propylene glycol		TWA	150	ppm	
Propylene glycol		TWA	474	mg/m3	

Biological Limit Values
No biological limit allocated.

Appropriate Engineering Controls
Adequate ventilation should be provided so that exposure limits are not exceeded.

Respiratory Protection
No respiratory protection is ordinarily required under normal conditions of use.

Eye Protection
Use safety glasses (with side shields) or chemical goggles.

Hand Protection
Use gloves approve to relevant standard made from neoprene, PVC.

Body Protection
Long-sleeved protective clothing and safety footwear

Other Information
Good work practices and the adoption of good personal hygiene measures reduce unnecessary exposures. Grossly contaminated clothing and tools should be
changed immediately and cleaned.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Clear red liquid with slight odour

Solubility in Water
Soluble

Flash Point
For propylene glycol: 90C
The flash point for this mixture is expected to be >93C due to the presence of more than 50% water by weight.

Auto-Ignition Temperature
For propylene glycol: 400C

10. STABILITY AND REACTIVITY

Chemical Stability
Product is stable under normal conditions of use, storage and temperature.

Conditions to Avoid
Avoid excessive heat, flame, sparks

Incompatible materials
Do not store together with oxidizing and self-igniting products.

Hazardous Decomposition Products
Hazardous decomposition products may include noxious and toxic fumes of oxides of carbon, carbonyl and dioxolane derivatives may also be formed.

Hazardous Polymerization
For propylene glycol: Hazardous polymerization has not been reported.

11. TOXICOLOGICAL INFORMATION

Toxicology Information
The following information is for the ingredient propylene glycol:
Oral LD50 Rat: >2000mg/Kg
Dermal LD50 Rabbit : >2000mg/Kg
Inhalation Toxicity: LC50 greater than near saturated vapour concentration.
SKIN: Not Irritating to skin.
EYES: Essentially non-irritating to eyes.
RESPIRATORY: Not expected to be a respiratory irritant.
SENSITISATION: Not a skin sensitiser.
REPEATED DOSE: Low systemic toxicity on repeated exposure. Cats given high doses of PG in diet showed a decrease in red blood cell survival.
MUTAGENICITY: Not mutagenic.
CARCINOGENICITY: Not carcinogenic in animal studies.
REPRODUCTIVE/DEVELOPMENTAL: Not a developmental toxicant.

Ingestion
May cause adverse effects on central nervous system.
Other effects may include excitation, euphoria, headache, dizziness, drowsiness, blurred vision, fatigue, tremors, convulsions, loss of consciousness, coma and even death by respiratory arrest. May also cause kidney damage and blood changes (hemoglobinuric nephrosis). Reduces intraocular pressure by raising osmotic pressure of blood.

Inhalation
It is unlikely due its low volatility, though prolonged exposures to saturated atmospheres may cause irritation of respiratory system.

Skin
In contact with skin may cause irritation, probably due dehydration; reddening, itching and inflammation.
May be absorbed through the skin. In some cases repeated contact may result in allergic skin reactions and severe irritation with

appearance of vesicles and mild oedema, probably due to sweat retention.

Eye
Mildly irritating when in contact with the eyes. May cause slight irritation, tearing and a burning sensation in the eyes.

12. ECOLOGICAL INFORMATION

Ecotoxicity
For propylene glycol:
Acute Toxicity
Fish: Low toxicity: LC/EC/IC50 >100 mg/L
Aquatic Invertibrates: Low toxicity: LC/EC/IC50 >100 mg/L
Algae: Low toxicity: LC/EC/IC50 >100 mg/L
Microorganisms: Expected to have low toxicity: LC/EC/IC50 >100 mg/L

Persistence and degradability
The ingredient propylene glycol is considered readily biodegradable.
The formulated product has not been tested. If tested, it is expected that it would be readily biodegradable.

Mobility
If the product enters soil, it will be highly mobile and may contaminate ground water.

Bioaccumulative Potential
The product is expected to have a low potential for bioaccumulation.

13. DISPOSAL CONSIDERATIONS

Disposal considerations
Recover or recycle if possible. Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility. Drain container thoroughly. After draining, vent in a safe place away from sparks and fire.

14. TRANSPORT INFORMATION

Transport Information
Not dangerous for conveyance under UN, IMO, ADR/RID and IATA/ICAO codes.

U.N. Number
None Allocated

UN proper shipping name
None Allocated

Transport hazard class(es)
None Allocated

15. REGULATORY INFORMATION

Poisons Schedule
Not Scheduled

Australia (AICS)
All ingredients listed.

16. OTHER INFORMATION

References
Supplier Safety Data Sheets
Globally Harmonised System of Classification and Labelling of Chemicals,ST/SG/AC.10/30, United Nations 2003
Australian Code for the Transport of Dangerous Goods by Road and Rail.
International Maritime Dangerous Goods Code.

International Air Transport Association Dangerous Goods Regulations.
User Guide to the HSNO Control Regulations ERMA New Zealand

Contact Person/Point
Australia:
24 HOUR EMERGENCY CONTACT (Chemical Safety International): 1 800 638 556
Poisons Information Centre (Australia): 13 11 26

New Zealand:
24 HOUR EMERGENCY CONTACT (Chemical Safety International): 0800 154 666
NZ National Poisons Centre (24 Hour): 0800 764 766
DISCLAIMER:
This Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product.
As ITW AAMTech cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.
Data sheets from unauthorised sources may contain information that is no longer current or accurate.
This SDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact ITW AAMTech to ensure they are in possession of the latest version.

Signature of Preparer/Data Service
AMS

END OF SDS