GAP PROFESSIONAL PRODUCTS

Safety Data Sheet
GAP Universal Transmission Treatment

SECTION 1: Identification

1.1 GHS Product identifier

Product name	GAP Universal Transmission Treatment
Product number	50107
Brand	GAP Professional Products

1.3 Recommended use of the chemical and restrictions on use

Automatic transmission fluid conditioner and treatment
Not for general household use.

1.4 Supplier's details

Name	GAP Professional Products
Address	122 Route 105 Keswick Ridge NB E6L 1B1 Canada
Telephone	(506) 363-9708
Fax	(506) 363-4241
email	info@gapauto.com

1.5 Emergency phone number

For Medical or Transport Emergencies
CANUTEC (24 Hours)
(613) 996-6666

SECTION 2: Hazard identification

General hazard statement
No Pictograms Apply

2.1 Classification of the substance or mixture

GHS classification in accordance with: WHMIS 2015

- Serious eye damage/eye irritation, Cat. 2B
- Carcinogenicity, Cat. 1B

2.2 GHS label elements, including precautionary statements

Pictograms

1. Health hazard

Signal word	**Danger**

Hazard statement(s)

H320	Causes eye irritation
H350	May cause cancer [route]

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P264	Wash … thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P405	Store locked up.
P501	Dispose of contents/container to …

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Component	Concentration
Distillates (petroleum), hydrotreated light paraffinic, if they contain > 3 % w/w DMSO extract (CAS no.: 64742-55-8; EC no.: 265-158-7; Index no.: 649-468-00-3)	**60 - 100 % (weight)**
CLASSIFICATIONS: Carcinogenicity, Cat. 1B. HAZARDS: H350 - May cause cancer [route].	
AMINE/HYDROCARBON MIXTURE (NON HAZARDOUS)	**15 - 40 % (weight)**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

Trade secret statement (OSHA 1910.1200(i))

Exact percentages and component identities are being witheld as trade secrets. Occupational Exposure Levels, Toxicity, and Ecological information on components is shown in Sections 8, 11, and 12 below. Users should read and understand the entire SDS.

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SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	First responders should wear clothing appropriate for industrial exposure in accordance with local codes. At a minimum, all exposed skin should be covered, and latex gloves and eye protection meeting ANSI Z87 or CSA Z94.3 should be worn. First responders should avoid contact with spilled material. Spills of this material present a slip hazard. If smoke, fumes, or airborne mist is present, first responders should use organics respirator or self contained breathing apparatus.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses if easy to do. Get medical attention if symptoms occur.
If swallowed	Get immediate medical attention. Call poison contro

4.2 Most important symptoms/effects, acute and delayed
ACUTE: Respiratory effects, vision effects. DELAYED: Dermatological effects.

4.3 Indication of immediate medical attention and special treatment needed, if necessary
Difficulty breathing, dizziness, extreme drowsiness, eye irritation, loss of vision, skin rash.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Treat surrounding material. Regular foam, Water Spray, Water Fog, carbon dioxide or dry chemical. Spray using fog nozzles. Keep containers cool with water. Use caution when applying carbon dioxide in confined spaces

5.2 Specific hazards arising from the chemical
Product is not flammable, but will burn in a fire. Product may also give rise to hazardous vapors in a fire. Vapors/fumes may be irritating, corrosive, and/or toxic.

5.3 Special protective actions for fire-fighters
Wear full protective clothing and self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Spills present a slip hazard. Extinguish/disconnect possible sources of ignition near spill. Ensure adequate ventilation of fumes from affected area. Remove unneccesary personnel from area around spill. Prior to cleaning up, don protective gear including chemical and hydrocarbon resistant outer layer, latex or rubber gloves, rubber boots, and eye protection. Emergency responders should wear chemical and hydrocarbon resistant gear.

6.2 Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent.

SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. Dispose in suitable waste container.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wear appropriate personal protection (see section 8) when handling this material. Work area should be equipped with a safety and eye wash station. If exposed to the liquid, avoid contact with skin and eyes. Wash thoroughly after handling. Avoid breathing vapors, mists, or sprays. Use in a well-ventilated area.

7.2 Conditions for safe storage, including any incompatibilities

Keep container(s) tighly closed. Use and store this material at room temperature away from sources of ignition, heat, direct sunlight and hot surfaces. Keep away from any incompatible materials (see section 10). Avoid storage of hydrocarbons near strong mineral acids or materials marked 'Oxidizer'.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Distillates (petroleum), hydrotreated light paraffinic, if they contain > 3 % w/w DMSO extract (CAS: 64742-55-8 EC: 265-158-7)

TWA: 5 mg/m3, (ACGIH)

STEL: 10 mg/m3,

TWA: 5 mg/m3, (Cal/OSHA)

2. AMINE/HYDROCARBON MIXTURE (NON HAZARDOUS)

No Known Hazard

8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Showers, eyewash stations, and ventilation systems should be present and in good working order. Wash hands before breaks and at the end of workday.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Recommended: Chemical splash goggles Ensure that eyewash stations and/or safety showers are close to the workstation location if working with concentrated product.

Skin protection

Wear Nitrile gloves, chemical resistant gloves.

Body protection

Skin Protection: Protective gloves (for hands). Long sleeve shirts and pants should be worn to protect exposed skin.

Respiratory protection

Recommended: Dust mask or Respirator should be worn if product is used in confined space or used for a prolonged period of time.

SECTION 9: Physical and chemical properties

Appearance, such as physical state and colour	Clear slightly hazy liquid

Clear slightly hazy liquid

Odour	Low Indescript
Odour threshold	Not determined
pH	N/A oil based
Melting point and freezing point	Liquid under intended use conditions
Initial boiling point and boiling range	313C - 432C
Flash point	>93C
Evaporation rate	<1 (n-butyl acetate =1)
Flammability, in the case of solids and gases	
Upper and lower flammability or explosive limits	Not Determined
Vapour pressure	Negligible
Vapour density	0.8-0.9 kg/l 60C
Relative density	>1 (air=1)
Solubility	Hydrocarbons, Alcohols
Partition coefficient — n-octanol/water	
Auto-ignition temperature	Not Determined
Decomposition temperature	Not Determined
Viscosity	>20.5 cSt 40C

Additional properties

Colour	Clear

SECTION 10: Stability and reactivity

10.1 Reactivity
May react violently if combined with strong oxidizers and heat.

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
None under normal use conditions

10.4 Conditions to avoid
Avoid contact with heat, sparks, open flame, and static discharge.

10.5 Incompatible materials
Strong acids and materials marked 'Oxidizer'.

10.6 Hazardous decomposition products
Oxides of carbon, oxides of sulfur, oxides of phosphorus, oxides of nitrogen, amines, aliphatic compounds, toxic by-products.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
HYDROCRACKED PARAFFINIC MINERAL OIL: LD50 5001 mg/Kg; C6 FATTY ESTER: No Data Available; AMINE/HYDROCARBON MIXTURE (NON HAZARDOUS): LD50 2001 mg/Kg; SULFURIZED ALKENE: ; LUBRICANT ADDITIVE MIXTURE: Non Hazardous; CHLORINATED ALKANES: ; TRADE SECRET COMPONENT:

Skin corrosion/irritation
HYDROCRACKED PARAFFINIC MINERAL OIL: LD50 5001 mg/Kg; C6 FATTY ESTER: No Data Available; AMINE/HYDROCARBON MIXTURE (NON HAZARDOUS): LD50 2001 mg/Kg; SULFURIZED ALKENE: ; LUBRICANT ADDITIVE MIXTURE: Non Hazardous; CHLORINATED ALKANES: ; TRADE SECRET COMPONENT:

Serious eye damage/irritation
HYDROCRACKED PARAFFINIC MINERAL OIL: Non-Categorized, Suspected Eye Irritant; C6 FATTY ESTER: Cat 2A Serious Irritation;
AMINE/HYDROCARBON MIXTURE (NON HAZARDOUS): Non-Categorized, Suspected Eye Irritant; SULFURIZED ALKENE: Non-Categorized, Suspected Eye Irritant; LUBRICANT ADDITIVE MIXTURE: Non-Categorized, Suspected Eye Irritant; CHLORINATED ALKANES: Cat 2A Serious Irritation; TRADE SECRET COMPONENT: Non-Categorized, Suspected Eye Irritant

Respiratory or skin sensitization
HYDROCRACKED PARAFFINIC MINERAL OIL: Non Hazardous; C6 FATTY ESTER: No Data Available; AMINE/HYDROCARBON MIXTURE (NON HAZARDOUS): No Data Available; SULFURIZED ALKENE: ; LUBRICANT ADDITIVE MIXTURE: Non Hazardous; CHLORINATED ALKANES: No Data Available; TRADE SECRET COMPONENT:

Germ cell mutagenicity
HYDROCRACKED PARAFFINIC MINERAL OIL: No Data Available; C6 FATTY ESTER: No Data Available; AMINE/HYDROCARBON MIXTURE (NON HAZARDOUS): No Data Available; SULFURIZED ALKENE: ; LUBRICANT ADDITIVE MIXTURE: No Data Available; CHLORINATED ALKANES: ; TRADE SECRET COMPONENT:

Carcinogenicity
HYDROCRACKED PARAFFINIC MINERAL OIL: No Hazard; C6 FATTY ESTER: No Data Available; AMINE/HYDROCARBON MIXTURE (NON HAZARDOUS): No Data Available; SULFURIZED ALKENE: ; LUBRICANT ADDITIVE MIXTURE: No Hazard; CHLORINATED ALKANES: ; TRADE SECRET COMPONENT:

Reproductive toxicity
HYDROCRACKED PARAFFINIC MINERAL OIL: No Data Available; C6 FATTY ESTER: No Data Available; AMINE/HYDROCARBON MIXTURE (NON HAZARDOUS): No Data Available; SULFURIZED ALKENE: ; LUBRICANT ADDITIVE MIXTURE: No Hazard; CHLORINATED ALKANES: ; TRADE SECRET COMPONENT:

Specific target organ toxicity (STOT) - single exposure
HYDROCRACKED PARAFFINIC MINERAL OIL: No Data Available; C6 FATTY ESTER: No Data Available; AMINE/HYDROCARBON MIXTURE (NON HAZARDOUS): No Data Available; SULFURIZED ALKENE: ; LUBRICANT ADDITIVE MIXTURE: No Hazard; CHLORINATED ALKANES: ; TRADE SECRET COMPONENT:

Specific target organ toxicity (STOT) - repeated exposure
HYDROCRACKED PARAFFINIC MINERAL OIL: No Data Available; C6 FATTY ESTER: No Data Available; AMINE/HYDROCARBON MIXTURE (NON HAZARDOUS): No Data Available; SULFURIZED ALKENE: ; LUBRICANT ADDITIVE MIXTURE: No Hazard; CHLORINATED ALKANES: ; TRADE SECRET COMPONENT:

Aspiration hazard
HYDROCRACKED PARAFFINIC MINERAL OIL: No Data Available; C6 FATTY ESTER: No Data Available; AMINE/HYDROCARBON MIXTURE (NON HAZARDOUS): No Data Available; SULFURIZED ALKENE: ; LUBRICANT ADDITIVE MIXTURE: No Hazard; CHLORINATED ALKANES: ; TRADE SECRET COMPONENT:

Additional information
No Other information available

SECTION 12: Ecological information

Toxicity
HYDROCRACKED PARAFFINIC MINERAL OIL: No Data Available; C6 FATTY ESTER: No Data Available; AMINE/HYDROCARBON MIXTURE (NON HAZARDOUS): No Data Available; SULFURIZED ALKENE: ; LUBRICANT ADDITIVE MIXTURE: No Hazard; CHLORINATED ALKANES: ; TRADE SECRET COMPONENT:

Persistence and degradability
Hydrocarbon mineral oils, and non-petroleum oils, are inherently biodegradable and are not persistant. OECD 301 values range from 50% to 95% in 28 days.

Bioaccumulative potential
Hydrocarbon mineral oils, and non-petroleum oils, are inherently biodegradable and have low bioaccumulation potential. Specific information on components is shown below.

Mobility in soil
Mineral oils have been shown to adhere strongly to soil. Mobility is expected to be low.

SECTION 13: Disposal considerations

Disposal methods

Product disposal
Dispose of accordance in local, and provincial regulations for solvent and oil materials

Packaging disposal
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Waste treatment
Discharging of oily wastes into any sewer , watercourse, or unregulated drain is discouraged as improper and may result in fines, penalties, cleanup costs, and criminal liabilitites for responsible parties.

Sewage disposal
Discharging of oily wastes into any sewer , watercourse, or unregulated drain is discouraged as improper and may result in fines, penalties, cleanup costs, and criminal liabilitites for responsible parties.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Canadian Domestic Substances List (DSL)
All components of this product are listed on the Canadian Domestic Substance List

Canadian Non-Domestic Substances List (NDSL)

SECTION 16: Other information

This Safety Data Sheet was prepared in good faith from the most recent information available. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use.

16.2 Preparation information
Prepared by: Craig Gourley