

SECTION 1: IDENTIFICATION

Product trade name	LAUNCHER CVT Fully Synthetic Transmission Fluid
Company Identification	LAUNCHER AUTOMOTIVE (13893031 Canada Inc.) 55 Village Centre Pl, Suite 200, Mississauga, ON L4Z 1V9, Canada
Phone	+1 (905)804-1137
Email	info@launcherautomotive.com
Chemical family	Petroleum Lubricating Oil

SECTION 2: Hazard Identification

Classification of the mixture	Not Classified as a Hazardous Chemical.
Signal word	Not Applicable.
Pictograms	Not Applicable.
Hazard Statments	Not Applicable.
Precautionary Statments	Not Applicable.
Poisons Schedule	Not Applicable.

SECTION 3: COMPOSITION OF INGREDIENTS

Highly refined base oil. (IP 346 DSMO extract <3%) Proprietary additives.

Components	CAS number	%(w/w)
Severely refined petroleum distillates	N/A	>80
Other ingredients classified as not hazardous , or at levels not requiring classification	–	Balance

Composition comments: *CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret.
US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4: FIRST-AID MEASURES

Eye Contact	If contact with the eye(s) occurs, wash with copious amounts of water, holding eyelids open. Continue flushing for at least 15 minutes. Take care not to rinse contaminated water into the non effected eye. If irritation develops and persists, seek medical attention.
Skin contact	Remove contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If irritation develops, seek medical attention.
Inhalation	Remove the source of contaminated or move the victim to fresh air. Seek medical attention if symptoms occur.
Ingestion	Do not induce vomitting. Immediately wash out mouth with water. Get medical attention if symptoms occur.
Notes to physician	Treat symptomatically with supportive care.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing Media	Carbon Dioxide, foam or dry chemical. DO not use water jets. Use water spray to cool fire exposed containers.
Specific Hazards	Combustible C2 liquid. Fire exposed container may rupture/explode.
Hazards From Combustion Products	Under fire conditions this product may emit toxic and /or irritating fumes including oxides of carbon.
Precautions in connection with fire	Self-contained breathing apparatus (S.C.B.A) and full protective firefighting clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Keep out of low areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the MSDS.
Environmental precautions	If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	<p>Stop the flow of material, if this is without risk.</p> <p>Large Spills: Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the MSDS.</p>

SECTION 7: HANDLING AND STORAGE

Precautions for safe Handling	Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking or going to the toilet. Build-up of mists in the working atmosphere must be prevented. Misuse of empty container can be hazardous. Do not cut, weld, heat or drill containers. Residue may ignite with explosive violence if heated sufficiently. Do not pressurise or expose to open flame or heat. Keep container closed and bung in place.
Conditions for safe storage including any incompatibilities	Store in original tightly closed container. Keep away from heat, open flames or other sources of ignition. Store away from incompatible materials (see Section 10 of the MSDS). Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit	This product does not contain any components with OSHA or ACGIH exposure limits.
Eye/face protection	Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.
Skin protection	No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing (boots, gloves, aprons, etc.). Launder soiled clothes. Properly dispose of contaminated leather articles including shoes, which cannot be decontaminated.
Respiratory protection	Respiratory protection is not required under conditions of normal use. If vapour or mist is generated when the material is heated or handled, use an organic vapour respirator with a dust and mist filter. All respirators must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmospheres.
Personal hygiene	Consumption of food and beverage should be avoided in work areas where hydrocarbons are present. Always wash hands and face with soap and water before eating, drinking, or smoking.
Ventilation	If vapour or mist is generated when the material is heated or handled, adequate ventilation in Accordance with good engineering practice must be provided to maintain concentrations below the specified exposure or flammable limits.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Colour	Light Orange
Viscosity @ 100°C	6
Viscosity@ 40°C	27
Flash Point (COC)	196°C
Pour Point	-48°C
Viscosity Index	179
Brookfield Viscosity @-40°C	12900
Specific Gravity @15.6°C	0.8506

SECTION 10: STABILITY AND REACTIVITY INFORMATION

Chemical stability	This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Conditions to avoid	Heat, direct sunlight, open flames or other sources of ignition.
Incompatible materials to avoid	May react with strong oxidizing agents, such as chlorates, nitrates.
Hazardous polymerisation	Hazardous polymerization will not occur.
Hazardous Decomposition Product	Thermal decomposition may result in the release of toxic and or irritating fumes including carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data is available for this material.
Inhalation	May cause irritation to the mucous membrane and upper airways, where material is heated and is used in poorly ventilated areas. Symptoms may include headache, dizziness and nausea.
Ingestion	May cause irritation of gastrointestinal system. Symptoms may include nausea, vomiting and diarrhoea.
Skin	May cause mild irritation in contact with the skin, which may result in redness and itchiness, possibly leading to dermatitis.
Eye	May cause mild irritation in contact with the eye which could result in redness, stinging and tearing.
Chronic Effect	Prolonged or repeated contact with this material may result in skin irritation possibly leading to dermatitis.
Other information	Used oils and greases may contain harmful impurities and contaminants that can accumulate during usage. Frequent or prolonged contact with all types and makes of used oil and grease must therefore be avoided.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Harmful to aquatic life. Consequently; this material should be kept out of sewage and drainage systems and all bodies of water.
Environmental fate	This material is not expected to be readily biodegradable.

SECTION 13: DISPOSAL INFORMATION

Disposal methods	The product should not be allowed to enter drains, water courses or the soil.
Waste from residues	Offer surplus and non-recyclable solutions to a licensed disposal company. Waste must be classified and labelled prior to recycling or disposal. Send to a licensed waste management company. Dispose of product residue in accordance with the instructions of the person responsible for waste disposal.

SECTION 14: TRANSPORT INFORMATION

International Regulations

IATA-DGR	Not regulated as a dangerous good
IMDG-Code	Not regulated as a dangerous good
ADR/RID	Not regulated as a dangerous good

National Regulations

TDG	Not regulated as a dangerous good
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SECTION 15: OTHER INFORMATION

REFERENCES: Sources of information used in preparing this MSDS included one or more of the following: results from in house or supplier toxicology studies, CONCAWE Product Dossiers, publications from other trade associations, such as the EU Hydrocarbon Solvents, REACH Consortium, U.S. HPV Program Robust Summaries, the EU IUCLID Data Base, U.S. NTP publications, and other sources, as appropriate.

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Prepared by:	LAUNCHER AUTOMOTIVE (13893031 Canada Inc.)	Phone: +1 (905)804-1137
Further Information:	Not Available	
Other Information:	For an updated MSDS, Please contact the supplier/manufacturer listed on the first page of the document.	

KEEP OUT OF REACH OF CHILDREN

REVISION STATEMENT

This revision corrects the product name .Other changes have been made throughout this Material Safety Data Sheet. Please read the entire documents.

DISCLAIMER OF WARRANTY

The above information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, LAUNCHER'S Products must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information, the results to be obtained from the use thereof, or that any such use do not infringe any patent. Since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.