



Safety Data Sheet

Formula Plus Automotive Wax & Shine

SECTION 1. IDENTIFICATION

Product Identifier	Formula Plus Automotive Wax & Shine
Other Means of Identification	Code No. A828
Recommended Use	Spray Wax.
Restrictions on Use	Use only as directed according to label instructions.
Manufacturer/Supplier Identifier	Leysons Products, a division of 1787528 Ontario Inc., 1366 Sandhill Drive, Ancaster, Ontario, L9G 4V5, (905) 648-7832
Emergency Phone No.	Mark Bryans, (905) 648-7832 ext 351, Monday to Friday, 8:00 AM to 3:30 PM CANUTECH, 613-996-6666, 24-hr for Emergencies involving Dangerous Goods
SDS No.	0586

SECTION 2. HAZARD IDENTIFICATION

Classification

Flammable aerosol - Category 1; Gas under pressure - Compressed gas; Eye irritation - Category 2B; Specific target organ toxicity (repeated exposure) - Category 1; Aspiration hazard - Category 1

Label Elements



Danger

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause damage to organs through prolonged or repeated exposure.

Suspected of damaging fertility or the unborn child.

May cause skin or eye irritation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Cyclosiloxanes, di-Me	69430-24-6	15-40		
1,1-Difluoroethane	75-37-6	15-40		
Stoddard solvent	8052-41-3	10-30		

Notes

Concentrations are expressed in % weight/weight.

Product Identifier: Formula Plus Automotive Wax & Shine - Ver. 1
Date of Preparation: October 07, 2020
Date of Last Revision:

SDS No.: 0586

Page 01 of 07

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

If irritation is experienced, remove person to fresh air.

If experiencing respiratory symptoms (e.g. coughing, shortness of breath, wheezing), call a Poison Centre or doctor.

Skin Contact

IF ON SKIN (or hair), remove all contaminated clothing and launder before reuse.

Rinse skin with plenty of water or shower.

Call a physician if irritation develops or persists.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.

Remove contact lenses, if present and easy to do.

If eye irritation persists, get medical advice or attention.

Ingestion

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again.

Immediately call a Poison Centre or doctor.

Most Important Symptoms and Effects, Acute and Delayed

May irritate the respiratory system.

May cause severe eye irritation or burns.

May cause skin irritation on prolonged contact.

Harmful if swallowed.

Immediate Medical Attention and Special Treatment

Target Organs

Eyes, skin, respiratory system.

Medical Conditions Aggravated by Exposure

Asthma, skin allergies.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam.

Unsuitable Extinguishing Media

Water.

Specific Hazards Arising from the Product

Extremely flammable liquid and vapour. Can ignite at room temperature. Releases vapour that can form explosive mixture with air.

Special Protective Equipment and Precautions for Fire-fighters

Containers may explode if heated.

Wear full fire fighting equipment and self contained breathing apparatus.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Increase ventilation to area or move leaking container to a well-ventilated and secure area.

Eliminate all ignition sources. Use grounded, explosion-proof equipment.

Product Identifier: Formula Plus Automotive Wax & Shine - Ver. 1

SDS No.: 0586

Date of Preparation: October 07, 2020

Date of Last Revision:

Page 02 of 07

Wear protective gloves and eye protection as a precaution.
Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

Environmental Precautions

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

Methods and Materials for Containment and Cleaning Up

Place used absorbent into suitable, covered, labelled containers for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin or on clothing.
Do not spray on an open flame or other ignition source. Do not pierce or burn container, even after use.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Avoid breathing in this product.
Wear gloves and eye protection as a precaution.
Wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

Conditions for Safe Storage

Store in a cool dry area away from incompatible materials.
Keep out of reach of children in a tightly closed container away from food, drink and animal feed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Stoddard solvent	100 ppm		100 ppm			
Cyclosiloxanes, di-Me	Not established					
1,1-Difluoroethane					1000 ppm	

Appropriate Engineering Controls

Use ventilation adequate to keep exposures (airborne levels of vapour) below the recommended exposure limits.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Skin Protection

Wear protective gloves and clothing to prevent skin contact.

Respiratory Protection

Use in well ventilated areas. In case of insufficient ventilation, wear a NIOSH approved air-purifying respirator with an organic vapour cartridge.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Colourless.
Odour	Petroleum distillate
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not available (melting); Not available (freezing)

Product Identifier: Formula Plus Automotive Wax & Shine - Ver. 1
Date of Preparation: October 07, 2020
Date of Last Revision:

SDS No.: 0586

Page 03 of 07

Boiling point/Initial boiling point	Not available
Boiling Range	Not available
Flash Point	~ -50 °C (-58 °F)
Evaporation Rate	> 1
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	> 1
Solubility	Not applicable in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Other Physical Property 1	Not available
Other Physical Property 2	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Conditions to Avoid

High temperatures.

Freezing.

Incompatible materials.

Incompatible Materials

Strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid), strong reducing agents (e.g. hydrides).

Hazardous Decomposition Products

May include but are not limited to oxides of carbon, nitrogen and ammonia.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation.

Skin contact.

Skin absorption.

Eye contact.

Ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Stoddard solvent	> 5500 mg/m ³ (4-hour exposure)	> 5000 mg/kg (rat)	> 3000 mg/kg (rabbit)
Cyclosiloxanes, di-Me		16,000 mg/kg (rat)	
1,1-Difluoroethane		1,500 mg/kg (rat)	

Product Identifier: Formula Plus Automotive Wax & Shine - Ver. 1

SDS No.: 0586

Date of Preparation: October 07, 2020

Date of Last Revision:

Page 04 of 07

Skin Corrosion/Irritation

May cause irritation or symptoms such as redness, edema, drying, defatting or cracking of the skin.

Serious Eye Damage/Irritation

May cause serious eye irritation based on information for closely related materials.

STOT (Specific Target Organ Toxicity) - Single Exposure**Inhalation**

May cause damage to organs through prolonged or repeated exposure by inhalation.

Skin Absorption

May cause irritation on prolonged contact.

Ingestion

Harmful if swallowed.

Aspiration Hazard

May be fatal if swallowed and enters airways.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

May cause damage to organs through prolonged or repeated exposure by inhalation.

Respiratory and/or Skin Sensitization

Not expected to produce any respiratory system problems when used in a well ventilated area.

Carcinogenicity

Not available.

Reproductive Toxicity**Development of Offspring**

May harm the unborn child.

Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

Effects on or via Lactation

Not known to cause effects on or via lactation.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

May cause long-term adverse effects in the aquatic environment.

Persistence and Degradability

May cause long-term adverse effects in the aquatic environment.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1950	Aerosols, Flammable	2.1	Not applicable.

Special Precautions Please note: This product meets the exemption requirements and may be shipped as a "Limited Quantity".

Transport in Bulk according to International Maritime Organization Instruments

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

SECTION 16. OTHER INFORMATION

SDS Prepared By Mark Bryans

Phone No. (905) 648-7832 ext 351

Date of Preparation October 07, 2020

Disclaimer To the best of our knowledge, the information contained herein is accurate. However, the user of this product assumes all risks and responsibilities relating to the use of this product. No representation of warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or product to which the information refers.

Product Identifier: Formula Plus Automotive Wax & Shine - Ver. 1

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Date of Preparation: October 07, 2020

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Page 07 of 07