MATERIAL SAFETY DATA SHEET
840-016 / 840-032 / 841-01 / 842-05 / 842-55S / 843-55

Canutec 1-613-996-6666 (24 hours)

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product identification :	840-016 / 840-032 / 841-01 / 842-05 / 842-55S / 843-55
Product name :	WASH AND SHINE
Synonyms :	Concentrated car wash and wax
Chemical family :	Mixture
Supplier / Manufacturer :	Auto-Chem Inc. 33 de Lyon Repentigny, QC, Canada J5Z 4Z3 Tel : 450-654-9292 Fax : 450-654-0633 www.autochem.com
Contact :	Jean Dagenais

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS	Percentage	Exposure limits
Sodium Laureth Sulfate	68585-34-2	3 – 7	LD50 7700 mg/kg, rat, oral
Sorbitol	50-70-4	1 – 5	LD50 15900 mg/kg, rat, oral
Sodium chloride	7647-14-5	1 – 5	LD50 3000 mg/kg, rat, oral LC50 >21000 mg/m3, rat

3. HAZARDS IDENTIFICATION

Routes of entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects :

Eye contact :	Direct eye contact may cause temporary discomfort with mild redness and dryness.
Skin contact :	A single prolonged exposure (24 to 48 hours) causes no known adverse effects.
Inhalation :	No irritation to respiratory passages is expected from relatively short exposures of less than 8 hours.
Ingestion :	Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

Potential chronic health effects :

Eye contact :	None known.
Skin contact :	None known.
Inhalation :	None known.
Ingestion :	None known.

4. FIRST AID MEASURES

Eyes : Rinse immediately with water or a saline solution for 15 to 20 minutes, lifting upper and lower eyelids. Remove contact lenses. Obtain medical attention if irritation develops.

Skin : In case of direct contact, rinse with running water 15 to 20 minutes. Remove contaminated clothing and wash with soap and water.

Inhalation : Remove person to fresh air. In case of respiratory failure, give artificial respiration. In case of respiratory distress, obtain medical attention.

Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. In case of respiratory or cardiac arrest, start cardio-pulmonary resuscitation and obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash point : Not flammable
Auto-ignition temperature : Not determined
Flammability limits – air (%) : Not determined
Extinguishing media : Carbon dioxide (CO2), water spray, according to the nature of the fire. Dry chemical powder or water can be used to cool containers.
Protective equipment : Fire fighters should wear full protective clothing, including self contained breathing equipment.
Hazardous combustion materials : Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protection equipment.

Small spill : Collect for elimination. Clean up remaining materials from spill with suitable absorbent.

Large spill : Prevent entry into sewers or streams. Dike if needed. Pump (if possible) and store in a suitable container. Clean surfaces to reduce risk of slippage. Final cleaning may require steam, solvents or detergents.

7. HANDLING AND STORAGE

Handling : Safety glasses and gloves.

Storage : Keep container closed. Do not freeze.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering controls : General ventilation of work area is recommended.

<u>Personal protection equipment for routine handling :</u>
Eye : Use adequate protection – safety glasses at a minimum.
Skin : Long sleeve clothes.
Gloves : Latex, nitrile, rubber, PVC.
Inhalation : Not required for routine handling.

<u>Personal protection equipment for spills :</u>
Eyes : Use adequate protection – safety glasses at a minimum.
Skin : Long sleeve clothes.
Gloves : Latex, nitrile, rubber, PVC.
Inhalation : Mask with approved organic vapour cartridge.

Note : These precautions are for room temperature handling. Use at elevated temperatures of aerosol spray applications may require added protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state :	Transparent liquid.
Coulour :	Dark blue.
Odour :	Blueberry.
pH @ 1% :	9.0
Relative density (g/cm3) :	1.01
Boiling point :	100 C
Freezing point :	0 C
Vapour pressure :	Not determined.
Volatiles (weight) :	Not determined.
Solubility (water) :	Soluble.
VOC (%) :	Not determined.
Viscosity :	Not determined.

10. STABILITY AND REACTIVITY

Chemical stability :	Stable.
Hazardous polymerization :	No.
Conditions to avoid :	None known.
Materials to avoid :	Strong acids and alkalis.

Dangerous decomposition products : Carbon oxides.

11. TOXICOLOGICAL INFORMATION

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Potential acute health effects :

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Inhalation :	No irritation to respiratory passages is expected from relatively short exposures of less than 8 hours.
Ingestion :	Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

Potential chronic health effects :

Carcinogenic effects:	None known.
Mutagenic effects:	None known.
Teratogenic effects:	None known.

12. ECOLOGICAL INFORMATION

Do not allow large quantities of the product or firefighting water runoff to enter sewers or waterways. Block sewers and ditches. Areas affected by a spill must be cleaned to their original condition or to the satisfaction of the authorities. Components are biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste disposal method : Dispose according to municipal, provincial and federal regulations.
Contaminated packaging : According to municipal, provincial and federal regulations.

14. TRANSPORT INFORMATION

Do not allow large quantities of the product or firefighting water runoff to enter sewers or waterways. Block sewers and ditches. Areas affected by a spill must be cleaned to their original condition or to the satisfaction of the authorities. Components are biodegradable.

15. REGULATORY INFORMATION

WHIMS : D2B Materials causing other toxic effects.

DSL : All components of this product are either on the Domestic Substance List (DSL), the Non-Domestic Substance List (NDSL) or exempt.

TSCA : U.S. TSCA Inventory Status : All components of this product are either on the Toxic Substances Control Act Inventory List or exempt.

16. OTHER INFORMATION

Prepared by : Auto-Chem Inc. Date : Sept. 2015