

**SECTION I-MATERIAL IDENTIFICATION AND USE**

Material Name/Identifier:	WASH N' WAX LIQUID	Stock No.	851/852/853/856
Manufacturer's Name:	Kleen-Flo Tumbler Industries Ltd	Street Address:	75 Advance Blvd.
City:	Brampton	Province:	Ontario
Postal Code:	L6T 4N1	Emergency Phone #:	CANUTEC:- 613-996-6666 (24HR)
Chemical Name:	Mixture (not applicable)	Chemical Family:	Detergent base
Chemical Formula:	N/Ap (mixture)	Trade Names & Synonyms:	WASH N' WAX
Material Use:	Car wash compound	Molecular Weight:	N/Av.

**SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL**

Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Cocamide DEA	68603-42-9	5-10%	N/Av.	N/Av.
Sodium dodecylbenzenesulfonate	25155-30-0	15-40%	1330 mg/kg mouse-oral	N/Av.
Lauryldimethylamine oxide	1643-20-5	1-5%	2700 mg/kg rat oral	N/Av.
Cocamide MEA	681400-01	1-5%	N/Av.	N/Av.
Sodium xylene sulfonate	1300-72-7	1-5%	4000 mg/kg rat oral	N/Av.

**SECTION III-PHYSICAL DATA FOR MATERIAL**

Physical State:	Liquid	Odour/Appearance:	Pleasant odour/Clear, green liquid
Specific Gravity:	1.06	Odour Threshold(p.p.m.):	N/E
Boiling Point:	100°C	Evaporation Rate:	N/E
Freezing Point:	0°C	Solubility in Water:	Miscible in all proportions
% Volatile(by volume):	N/E	Vapour Pressure(mm)Hg:	N/E
Vapour Density(Air=1):	N/E	Coefficient of Water/Oil Distribut:	N/E
pH	7-8		

**SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL**

Flammability Yes/No	No	If yes under which conditions?:	N.Ap.
Auto Ignition Temperature	N/E	Means of Extinction:	Carbon dioxide, dry chemicals, waterspray
Flashpoint and Method:	None	Hazardous Combustion Products:	Oxide of carbon, nitrogen and sulfur. Smoke and acrid fumes mabe formed if involved in a fire.
Upper Flammable limit(% vol)	None	Lower Flammable Limit(% by volume):	None
Explosion Data:	Sensitivity to mechanical impact: No.	Sensitivity to Static Discharge:	No

**SECTION V-REACTIVITY DATA**

Chemical Stability Yes/No:	Yes	If NO under which conditions?	N.Ap.
Incompatibility to Other Substances Yes/No:	Yes	If so which ones?	Avoid strong oxidizing agents
Reactivity and under what conditions?	Avoid contamination with reactive substances		
Hazardous Decomposition Products:	Oxide of carbon, nitrogen.		

N/E: not established

N.Ap.: not applicable

N/Av.: not available

<b>Material Name/Identifier:</b> Wash N' Wax Liquid		<b>Stock No.</b> 851/852/853/856		<b>PAGE 2</b>
<b>SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT</b>				
<b>Route of Entry:</b>	--SKIN CONTACT -X-SKIN ABSORPTION -X-EYE CONTACT --INHALATION -X-INGESTION			
<b>Effects of Acute Exposure:</b>	Prolonged skin contact may cause irritation, redness or dermatitis. Eye contact will cause stinging of eyes or inflammation of conjunctiva. Ingestion may cause nausea and vomiting.			
<b>Effects of Chronic Exposure:</b>	none known			
<b>LD 50 of Product:</b>	N/E	<b>LC 50 of Product:</b>	N/E	
<b>Irritancy of Product:</b>	Skin, eye irritant	<b>Exposure Limits of Product:</b>	N/E	
<b>Sensitization of Product:</b>	N/E	<b>Toxicologically Synergistic Materials:</b>	N/E	
<b>--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY</b>			None Known	
<b>SECTION VII-PREVENTIVE MEASURES</b>				
<b>Personal Protective Equipment to be used:</b>				
<b>Gloves(specify):</b>	Rubber, Nitrile	<b>Eye(specify):</b>	Safety Glasses	
<b>Respiratory(specify):</b>	Not required in normal use	<b>Clothing:</b>	Not required	
<b>Respiratory Protection:</b>	If used indoors or on a continuous basis, use of NIOSH approved cartridge type respirator is recommended.			
<b>Engineering Controls:</b>	General ventilation with good source of air recommended for all indoor situations			
<b>Leak and Spill Procedure:</b>	Absorb with inert material. Dike and contain large spills for disposal.			
<b>Waste Disposal:</b>	According to federal, provincial and local regulations.			
<b>Storage Requirements:</b>	Keep container closed when not in use. Store in cool and dry location away from oxidizing materials.			
<b>Handling Procedures and Equipment:</b>	Handle with care. Do not freeze. Keep away from children. Do not inhale or ingest.			
<b>DSL listing</b>	All ingredients are listed in the inventory.			
<b>Environmental:</b>	The material is biodegradable.			
<b>TDG Classification:</b>	Not regulated			
<b>WHMIS Classification:</b>	#851/#852: Consumer Commodity	#853/856:	D2B	
<b>SECTION VIII-FIRST AID MEASURES</b>				
<b>Eye:</b>	Immediately wash with water for at least 15 minutes. Seek medical help if irritation persists.			
<b>Skin:</b>	Wash with plenty of water. Seek medical help if irritation persist.			
<b>Inhalation:</b>	Remove to fresh air. If not breathing, give artificial respiration. Call for medical help.			
<b>Ingestion:</b>	DO INDUCE VOMITNG. Seek medical help immediately.			
<b>SECTION IX-PREPARATION DATE OF M.S.D.S.</b>				
<b>Additional Info/Comments:</b>		<b>Sources Used:</b> Supplier's data		
<b>Phone Number:</b>	(905) 793-4311	<b>Prepared By:</b> Quality Control Laboratory		
<b>Date Prepared:</b>	Janauary 2, 2015.	Kleen-Flo Tumbler Industries Limited		
<b>THIS SHEET SUPERSEDES ANY OTHER M.S.D.S. PREVIOUSLY PREPARED</b>				
N/E: not established		N.Ap.: not applicable		N/Av.: not available