

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Armashell Blue Diamond Liquid Wax	Stock No.	300
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:	N/A (mixture)	Chemical Family:	N/A (mixture)
Chemical Formula:	N/A (mixture)	Trade Names & Synonyms:	BLUE DIAMOND
Material Use:	Automotive Cleaner/ Wax	Molecular Weight:	N/A (mixture)

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Concentration(%)	LD50 Species & Route	LC50 Species & Route
Aliphatic Hydrocarbon	8052-41-3	10 - 30	> 5 g/kg rat-oral	> 5 g/m3 rat-inh.
Morpholine	110-91-8	0.5 - 1.5	1910mg/kg rat-oral	>42mg/l (8hr) rat-inhl.

This material is not known to contain any chemical listed as a carcinogen or suspected carcinogen by th US OSHA, IRAC or the US National Toxicology Program at a concentration greater than 0.1%.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	Semi Viscous liquid	Odour/Appearance:	Light Blue with a characteristic Odor
Specific Gravity:	0.9 - 0.936	Odour Threshold(p.p.m.):	N/E
Boiling Point:	N/E	Evaporation Rate:	<1 (Butyl Acetate=1)
Freezing Point:	0°C	Solubility in Water:	soluble
% Volatile:	N/E	Vapour Pressure(mm)Hg:	N/E
Vapour Density(Air=1):	>1	Coefficient of Water/Oil Distribut:	N/E
pH	8.4 - 9.0		

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 chemical,foam
Flashpoint and Method:	71.1 oC Tag C.C	Hazardous Combustion Products:	N/E
Upper Flammable limit (%vol)	N/E	Lower Flammable Limit(% by volume):	N/E
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?	Strong Acid and Oxidizer
Reactivity and under what conditions?	Avoid excessive heat, open flames and all ignition sources.		
Hazardous Decomposition Products:	Carbon Dioxide and Carbon Monoxide upon Thermal Decomposition		

N/E: not established

N.Ap.: not applicable

N/Av.: not available

SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry:	--SKIN CONTACT --SKIN ABSORPTION -x-EYE CONTACT -x-INHALATION -x-INGESTION		
Effects of Acute Exposure:	Dizziness, nausea, cough, pulmonary irritation, edema.		
Effects of Chronic Exposure:	none known		
LD 50 of Product:	N/E	LC 50 of Product:	N/E
Irritancy of Product:	N/E	Exposure Limits of Product:	N/E
Sensitization of Product:	N/E	Toxicologically Synergistic Materials:	N/E
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY			none known

SECTION VII-PREVENTIVE MEASURES

Personal Protective Equipment to be used:			
Gloves(specify):	rubber, nitrile or chemical resistance gloves	Eye(specify):	Safety Glasses
Respiratory(specify):	Mask if ventilation is not adequate	Clothing:	Not required
Respiratory Protection:	If used indoors or on a continuous basis, use of NIOSH approved cartridge type respirator is recommended.		
Engineering Controls:	Local exhaust and general mechanical ventilation.		
Leak and Spill Procedure:	Remove with inert absorbents or flush with plenty of water.		
Waste Disposal:	Standard methods as approved in your region.		
Storage Requirements:	Store at room temperature. Keep container closed when not in use.		
Handling Procedures and	Handle with care. Keep away from children. Do not inhale or ingest.		
Equipment:			
TDG Classification:	not regulated		
WHMIS Classification:	Not controlled		

SECTION VIII-FIRST AID MEASURES

Eye:	Wash with water for at least 15 minutes. Consult a physician immediately.
Skin:	Wash with soap and water. Seek medical help if irritation persist.
Inhalation:	Move patient to fresh air and restore breathing if required. See doctor if discomfort persist.
Ingestion:	DO NOT INDUCE VOMITING. Drink 1 or 2 glass of water, rinse mouth thoroughly.,.
	Seek medical help immediately

SECTION IX-PREPARATION DATE OF M.S.D.S.

Additional Info/Comments:	Sources Used: Supplier's data
Phone Number:	(905) 793-4311
Date Prepared:	January 2, 2015.
	Prepared By: Quality Control Laboratory Kleen-Flo Tumbler Industries Limited

THIS SHEET SUPERSEDES ANY OTHER M.S.D.S. PREVIOUSLY PREPARED

N/E: not established	N.Ap.: not applicable	N/Av.: not available
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