

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Armashine Tire Foam	Stock No.	198
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.Ap.(mixture)	Chemical Family:	N.Ap.(mixture)
Chemical Formula:	N.Ap.(mixture)	Trade Names & Synonyms:	Armashine Tire Foam
Material Use:	Tire cleaner & dressing	Molecular Weight:	N.Ap.(mixture)

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Silicone fluid	63148-62-9	10-30%	N/Av.	N/Av.
Isobutane	75-28-5	5 - 10 %	N/Av.	142500 ppm(4h) Inhal. Rat
Propane	74-98-6	1 - 5%	>5000 mg/kg dermal-rabbit	N/Av.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	Aerosol liquid spray	Odour/Appearance:	Charasteristic/white
Specific Gravity (liquid):	1.009- 1.017	Odour Threshold(p.p.m.):	N/Av.
Boiling Point:	N/Av.	Evaporation Rate:	>1 (n-butyl acetate=1)
Freezing Point:	N/Av.	Solubility in Water:	Negligible
% Volatile(by volume):	> 95%	Vapour Pressure (Aerosol):	35 to 50 psig
Vapour Density(Air=1):	>1	Coefficient of Water/Oil Distribut:	N/Av.
pH:	9.5 - 10		

SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability Yes/No	No	If yes under which conditions:	N.Ap.
Auto Ignition Temperature:	N/Av.	Means of Extinction: Use water fog, dry chemical or	
Flash Point, oC	N/Av.	carbon dioxide fire extinguisher	
Flame Extension	N/Av.	Hazardous Combustion Products: Hydrocarbon fumes, smoke, CO	
Upper Flammable limit (%vol)	9.5	Lower Flammable Limit (% by volume):	0.6
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:	No	If so which ones?	Strong Oxidizing Agent
Reactivity and under what conditions?	None		
Hazardous Decomposition Products:	Hydrocarbon fumes and smoke, carbon monoxide where combustion is incomplete		

N/E: not established

N.Ap.:not applicable

N/Av.: not available

SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry: ALL Routes	--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION		
Effects of Acute Exposure:	Prolonged skin contact may cause skin irritation.		
	Eye tearing, redness and irritating.		
Effects of Chronic Exposure:	May cause defatting dermatitis		
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):	Normally not required	Eye (specify):	Safety Glasses
Respiratory(specify):	Not required in normal use	Clothing:	Not required
Respiratory Protection:	If used indoors or on a continuous basis, use of cartridge type NIOSH approved respirator is recommended		
Engineering Controls:	local exhaust system, if used in confined area.		
Leak and Spill Procedure:	Contain & Collect by using inert absorbent and non sparking tools.Prevent large spills from entering sewers or waterways.		
Waste Disposal:	Dispose of by local recycling through local waste disposal agency.		
Storage Requirements:	Do not store above 41°C, keep away from open flame, spark and source of ignition.		
Handling Procedures and	Avoid contact with skin, eye and prolonged inhalation.		
DSL listing	All components are listed.		
NFPA/CNFC rating	Level 1		
TDG Classification:	Consumer Commodity		
WHMIS Classification:	Consumer Commodity		

SECTION VIII-FIRST AID MEASURES

Eye:	Flush with water for at least 15 minutes. If discomfort persists, get medical help immediately.
Skin:	Remove contaminated clothes. Wash with soap and water. If rash persists, seek medical help.
Inhalation:	Remove to fresh air. Seek medical help if patient feels discomfort.
Ingestion:	DO NOT INDUCE VOMITNG. Rinse mouth with a glass of water. Seek immediate medical attention.

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

Additional Info/Comments:		Source Used: Supplier's data
Phone Number:	(905) 793-4311	Prepared By: Quality Control Laboratory
Date Prepared:	January 2, 2012.	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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