

KLEEN-FLO TUMBLER INDUSTRIES LIMITED			MATERIAL SAFETY DATA SHEET		PAGE 1
SECTION I-MATERIAL IDENTIFICATION AND USE					
Material Name/Identifier:	Holistic Rubber Care	Stock No.		809	
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:		Hydrocarbons	
Chemical Formula:	N.Ap. (mixture)	Trade Names & Synonyms:		none	
Material Use:	Rubber Conditioner & lubricant (aerosol)	Molecular Weight:		N/Av. (mixture)	
SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL					
Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route	
Isopropanol	67-63-0	5-10%	>4720mg/kg Oral-Rat	12000- ppm/8hr rat-Inhal	
Isohexane	107-83-5	15-40 %	N/Av.	N/Av.	
Castor Oil	8001-79-4	5-10%	>5000mg/kg Oral-Rat	N/Av.	
Propellant (Isobutane)	75-28-5	30-60%	N/Av.	142,500 ppm (4hr) rat-inhal	
SECTION III-PHYSICAL DATA FOR MATERIAL					
Physical State:	Aerosol	Odour/Appearance:	Hydrocarbon/Clear colorless liquid		
Specific Gravity(conc.)	0.66 - 0.70	Odour Threshold (p.p.m.):	N/E		
Boiling Point:	55-61°C(Isohexane)	Evaporation Rate:	<1		
Freezing Point:	N/Av.	Solubility in Water:	Negligible		
% Volatile(by volume):	>95	Vapour Pressure:	35 -45 psig		
Vapour Density(Air=1):	>1	Coefficient of Water/Oil Distribut	N/E		
pH	N/Av				
SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL					
Flammability Yes/No	Yes / Extremely Flammable	If yes under which conditions: Excessive heat, spark and			
		Open flame.			
Auto Ignition Temperature:	425°C	Means of Extinction: Dry chemicals, carbon dioxide, foam			
Flashpoint and Method:	-23 °C TCC(Lowest known Isohexane)	Hazardous Combustion Products: Hydrocarbon fume, smoke			
Flame extension	> 15 cm but <100 cm	Carbon monoxide where combustion is incomplete.			
Upper Flammable limit, % vol	12.5	Lower Flammable Limit (% by volume): 1.1			
Explosion Data:	Sensitivity to mechanical impact: N/Av	Sensitivity to Static Discharge: N/Av.			
SECTION V-REACTIVITY DATA					
Chemical Stability Yes/No:	Yes	If NO under which conditions?: N/Av.			
Incompatibility to Other Substances Yes/No:	Yes	If so which o h one? Strong Oxidizing Agents.			
Reactivity and under what conditions?	Hot surfaces, open flame, fire				
Hazardous Decomposition Products:	Hydrocarbon fumes, Smoke, Carbon Monoxide where combustion is incomplete				
N/E: not established			N.Ap.: Not applicable		N. Av.: not available

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SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT									
Route of Entry: ALL Routes		--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION							
Effects of Acute Exposure:		May cause skin and eye irritation. Inhalation may cause respiratory tract irritation, headache, nausea, vomiting and weakness. Solvent may cause defatting dermatitis.							
Effects of Chronic Exposure:		None known							
LD 50 of Product:		N/E		LC 50 of Product:		N/E			
Irritancy of Product:		Skin/Eye irritant							
Exposure limits of products:		N/E							
Sensitization of Product:		None known		Toxicologically Synergistic Material		none known			
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY						none known			
SECTION VII-PREVENTIVE MEASURES									
Personal Protective Equipment to be used:									
Gloves(specify):		Nitrile, Rubber (normally not required during normal use)				Eye(specify): Safety Glasses			
Respiratory(specify):		organic vapour mask				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 and mechanical ventilation							
Leak and Spill Procedure:		Remove all sources of ignition. Use an inert absorbent material and non-sparking tools. Avoid breathing fumes, ventilate area. prevent from entering a watercourse.							
Waste Disposal:		Do not puncture or incinerate containers, even when empty. Dispose of in accordance with local, or federal regulation.							
Storage Requirements:		Keep container closed when not in use. Store at room temperature below 40.0°C							
Handling Procedures and		Do not puncture or incinerate container. Handle with care. Keep away from children.							
Equipment:		Do not inhale or ingest.							
DSL listing		All components are listed.							
NPFA30B/CNFC 3.3.		Level 3							
TDG Classification:		Consumer commodity							
WHMIS Classification:		Consumer commodity				Complies with CCCR 2001			
SECTION VIII-FIRST AID MEASURES									
Eye:		Flush with water for at least 15 minutes. Seek medical help immediately if irritation persists.							
Skin:		Flush immediately and thoroughly with soap and water. Contact doctor if rash, irritation persist.							
Inhalation		Move patient to fresh air and restore breathing if required. See doctor if discomfort persist.							
Ingestion:		DO NOT INDUCE VOMITING. Seek immediate medical attention.							
SECTION IX-PREPARATION DATE OF M.S.D.S.									
Additional Info/Comments:						Sources Used: Supplier's data			
Phone Number:		(905) 793-4311				Prepared By: Quality Control Laboratory			
Date Prepared:		Janaury 2, 2015.				Kleen-Flo Tumbler Industries Limited			
THIS SHEET SUPERSEDES ANY OTHER M.S.D.S. PREVIOUSLY PREPARED									
N/Av.: not available N/E: not established N/Ap. : Not Applicable									