

KLEEN-FLO TUMBLER INDUSTRIES LIMITED		MATERIAL SAFETY DATA SHEET		PAGE 1
SECTION I-MATERIAL IDENTIFICATION AND USE				
Material Name/Identifier:	Kleen-Stor	Stock No.	789	
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 (Blended Product)	Chemical Family:	N/Ap (Mixture)	
Chemical Formula:	N.Ap (Blended Product)	Trade Names & Synonyms:	Kleen-Stor	
Material Use:	Flogging oil	Molecular Weight:	N/Ap (mixture)	
SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL				
Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Stoddard Solvent	8052-41-3	1 - 5	>5g/kg rat-oral	>5500mg/m3 rat-inhal.
Mineral Spirit	64742-47-8	7 - 13	>5000 mg/kg rat-oral	14000ppm(4hr) rat-inhal
Refined light paraffinic oil	64741-89-5	10 -30	N/Av.	N/Av.
Paraffinic oil	64741-88-4	30 - 60	N/Av.	N/Av.
Praopane	74-98-6	10 -30	>5000mg/kg dermal-rabbit	N/Av.
SECTION III-PHYSICAL DATA FOR MATERIAL				
Physical State:	Aerosol	Odour/Appearance:	Tan liquid with mild vanilla odor.	
Specific Gravity:	0.82-0.86	Odour Threshold(p.p.m.):	N/Av.	
Boiling Point:	156-200 °C(Conc.)	Evaporation Rate (B.A.=1):	<1	
Freezing Point:	N/Av.	Solubility in Water:	negligible	
% Volatile(by volume):	>95 %	Vapour Pressure:	60 - 70 psig	
Vapour Density(Air=1):	> 1	Coefficient of Water/Oil Distribution	N/Av.	
pH	N/Av.			
SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL				
Flammability Yes/No	Yes	If yes under which conditions?: Combustible, may explode if heated		
Auto Ignition Temperature:	229°C	Means of Extinction: Carbon dioxide, water fog, dry chemicals.		
Flashpoint and Method:	41°C TCC (Conc.)	Hazardous Combustion Products: oxides of carbon, sulfur,		
Flame Extension:	>45 cm, but <100 cm	Carbon monoxide, hydrocarbon fumes and smoke.		
Upper Flammable limit,% vol	13.3	Lower Flammable Limit(% by volume): 1.2		
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.Ap.		
Incompatibility to Other Substances Yes/No:	Yes	If so which ones? Strong Oxidizers.		
Reactivity and under what conditions?	Combustible, avoid excessive heat, sparks and open flame			
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, hydrocarbon fumes and smoke.			
N/E: not established				
N/Ap.: not applicable		N/Av.: not available		

Material Name/Identifier: Kleen-Stor				Stock No. 789		PAGE 2	
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 or even blurred vision.					
		Prolonged inhalation may cause headache, nausea or dizziness.					
Effects of Chronic Exposure:		Solvents may cause defatting dermatitis.					
LD 50 of Product:		N/Av.		LC 50 of Product:		N/Av.	
Irritancy of Product:		Eye & Skin Irritant		Exposure Limits : Oil mist, 5 mg/m3, TLV			
Sensitization of Product:		N/E		Toxicologically Synergistic Materials:		N/Av.	
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY						None Known	
SECTION VII-PREVENTIVE MEASURES							
Personal Protective Equipment to be used:							
Gloves(specify):		Neoprene, Nitrile or chemical resistant		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 respirator is recommended					
Engineering Controls:		Local exhaust ventilation is recommended.					
Leak and Spill Procedure:		Contain & collect use inert absorbent. Prevent large spills from entering sewers or waterways. Small spills may be absorbed with non-reactive absorbent.					
Waste Disposal:		Do not puncture or incinerate containers, even when empty. Dispose of in accordance with local, provincial and federal regulations.					
Storage Requirements:		Store in a cool, well ventilated area where temperature not to exceed 45°C					
Handling Procedures and		Use adequate ventilation. Avoid skin contact and prolonged inhalation.					
Equipment:		Contents under pressure. Keep away from heat, spark, flame and other sources of ignition					
NPFA30B/CNFC3.3.5		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. Call a physician immediately					
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:		January 2, 2015.		Kleen-Flo Tumbler Industries Limited			
THIS SHEET SUPERSEDES ANY OTHER M.S.D.S. PREVIOUSLY PREPARED							
N/E: not established		N/Av.: not applicable				N/Av.: not available	