

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 Distribub	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/Av.: 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 16, 2012.	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