

KLEEN-FLO TUMBLER INDUSTRIES LIMITED			MATERIAL SAFETY DATA SHEET		PAGE 1
SECTION I-MATERIAL IDENTIFICATION AND USE					
Material Name/Identifier:	Multi-Kleen	Stock No.		174	
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:		Multi-Kleen	
Material Use:	Liquid Cleaner	Molecular Weight:		N.Ap.(mixture)	
SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL					
Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route	
sodium metasilicates	6834-92-0	0.1 - 0.5%	0.8 g/kg rat-oral	N/Av.	
2-butoxyethanol	111-76-2	1-5%	1746 mg/kg rat-oral	450 ppm (4hr) rat-inh.	
Alcohol Ethoxylated	68439-46-3	1-5%	>2000 mg/kg rat-oral	N/Av.	
sodium tripolyphosphates	7758-29-4	0.1 - 1%	3100 mg/kg rat-oral	N.Av.	
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SECTION III-PHYSICAL DATA FOR MATERIAL					
Physical State:	liquid	Odour/Appearance:		mild odour/slight hazy, colorless	
Specific Gravity:	1	Odour Threshold(p.p.m.):		N/E	
Boiling Point:	N/E	Evaporation Rate:		N/E	
Freezing Point:	0°C	Solubility in Water:		Soluble	
% Volatile(by volume):	N/E	Vapour Pressure(mm)Hg:		N/Av.	
Vapour Density(Air=1):	N/Av.	Coefficient of Water/Oil Distribut:		N/E	
pH	9-10.5				
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:		carbon dioxide foam, water spray	
Flashpoint and Method:	None	Hazardous Combustion Products:		None known	
Upper Flammable limit (%vol)	N.Ap.	Lower Flammable Limit(% by volume):		N/A	
Explosion Data:	Sensitivity to Mechanical Impact: N.Ap.	Sensitivity to Static Discharge:		N.Ap.	
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 oxidizing agents, strong acid	
Reactivity and under what conditions?	None known				
Hazardous Decomposition Products:	None known				
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:	-x-SKIN CONTACT -x-SKIN ABSORPTION -x-EYE CONTACT --INHALATION -x-INGESTION			
Effects of Acute Exposure:	Prolonged or repeated contact may cause skin redness eye irritation.			
	Avoid inhalation of mist which may cause coughing headache or dizziness.			
Effects of Chronic Exposure:	None known			
LD 50 of Product:	N/A	LC 50 of Product:	N/A	
Irritancy of Product:	Eye and skin irritant on contact	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):	not required under normal use	Eye(specify):	not required under normal use	
Respiratory(specify):	not required under normal use	Clothing:	not required under normal use	
Respiratory Protection:	If used indoors or on a continuous basis, use of NIOSH approved cartridge type respirator is recommended			
Engineering Controls:	not required under normal use conditions.			
Leak and Spill Procedure:	Mop up			
Waste Disposal:	Dispose of through sewer system.			
Storage Requirements:	Do not freeze.			
Handling Procedures and Equipment:	No special procedure required.			
DSL listing	All components are listed.			
TDG Classification:	Not regulated			
WHMIS Classification:	Not controlled			
SECTION VIII-FIRST AID MEASURES				
Eye:	Wash with water for at least 15 minutes. Seek medical attention if irritation persists.			
Skin:	Wash with soap and water.			
Inhalation:	Remove to fresh air, if breathing is difficult and irritation persist, contact physicaian immediately.			
Ingestion:	Do not induce vomiting. Give water to dilute and contact doctor 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/A: not available		N.Ap.: not applicable		N/E: not established