KLEEN-FLO TUMBLER INDUSTRIES LIMITED MATERIAL SAFETY DATA SHEET PAGE 1 SECTION I-MATERIAL IDENTIFICATION AND USE Material Name/Identifier: Battery Kleen Stock No. 445 Manufacturer's Name: Kleen-Flo Tumbler Industries Ltd Street Address: 75 Advance Blvd. Ontario City: Brampton Province: L6T 4N1 CANUTEC:- 613-996-6666 (24HR) Postal Code: Emergency Phone #: Chemical Name: N/A (mixture) **Chemical Family:** Aqueous mixture Chemical Formula: Trade Names & Synonyms: None N.Ap. Molecular Weight: N/Av. Material Use: Neutralizer / Aerosolized Cleaner SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL Hazardous Approximate LD50 LC50 Ingredients C.A.S. Conc. %wt. Species & Route Species & Route 5000 mg/kg dermal-rabbit N/Av. Propane 74-98-6 1 - 5 % 75-28-5 5 - 10% N/Ap. 142500 ppm(4h) Inhal. Rat Propellant (Isobutane) SECTION III-PHYSICAL DATA FOR MATERIAL Physical State: Aerosol Odour/Appearance: Mild / white foamy liquid Odour Threshold(p.p.m.): Specific Gravity: 1.06 - 1.10 N/Av. Boiling Point: (Conc) 100°C **Evaporation Rate:** Less than 1 0°C Freezing Point: Solubility in Water: % w/w soluble % Volatile(by volume): 91-92 Vapour Pressure: 35-45 psig >1 Coefficient of Water/Oil Distribut: Vapour Density(Air=1): N/E N/A pН 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: Dry Chemical, Foam, Carbon dioxide Flashpoint and Method: N.Ap. Hazardous Combustion Products: Hydrocarbon fumes & black smoke. Upper Flammable limit (%vol) None Lower Flammable Limit(% by volume): None Explosion Data: Sensitivity to Mech. Impact: No. Sensitivity to Static Discharge: No SECTION V-REACTIVITY DATA Chemical Stability Yes/No: Yes If NO under which conditions? N.Ap. Strong oxidizing agents Incompatibility to Other Substances Yes/No: Yes If so which ones? Reactivity and under what conditions? N/Av. Hazardous Decomposition Products: Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete N/E: not established N/Av.: not available N.Ap: not applicable

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SECTION VI-TOXICOLOGI	CAL PROPERTIES OF PRODUCT				
Route of Entry:	SKIN CONTACT SKIN ARSODDTIO	N TEVE CONTACT TINH		INCESTION	
-	SKIN CONTACTSKIN ABSORPTION -x-EYE CONTACT -x-INHALATION -x-INGESTION				
Effects of Acute Exposure:	Nausea, dizziness, irritation to eye and skin.				
Effects of Chronic Exposure:	None known				
LD 50 of Product:	N/E	LC 50 of Product:		N/E	
Irritancy of Product:	eye & skin irritant	Exposure Limits of Product: N/E			
Sensitization of Product:	N/E	Toxicologically Synergistic Materials: N/E			
CARCINOGENICITYRE	PRODUCTIVE EFFECTS TERATOGENICITY MUTAGENICITY None known				
SECTION VII-PREVENTIVE	MEASURES				
Personal Protective Equipment	t to be used:		1		
Gloves(specify):	Chemical resistant gloves	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:	If used indoors on a continuous basis, local mechanical ventilation is recommended.				
Leak and Spill Procedure:	Remove source of ignition. Use an inert absorbent material.				
Waste disposal	Aerosol containers to be disposed off at local recycling depot. Do not puncture or incinerate even if it's empty.				
Storage Requirements:	Store at temperature below 48.9°C. Keep container closed when not on use.				
Storage Requirements.	Keep away from heat, sparks and open flames.				
Handling Procedures and	Store in cool, well ventilated area where temperature does not exceed 50°C.				
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Equipment: DSL listing	Do not puncture or incinerate container. Handle with care. Keep away from children. All components are listed.				
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NFPA 30B/CFPC 3.3.5	Level 1				
TDG Classification:	Consumer Commodity Commodity Commiss with CCCD 2001				
WHMIS Classification:	Consumer Commodity	Complies with CCCR 2001			
SECTION VIII-FIRST AID M	EASURES				
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 vomiting, get mediacl attention immediately.				
SECTION IX-PREPARATION	N DATE OF M.S.D.S.				
Additional Info/Comments:		Sources Used: Supplier's d	ata		
Phone Number:	(905) 793-4311	Prepared By: Quality Control Laboratory			
Date Prepared:	January 2, 2015	Kleen-Flo Tumbler Industries Limited			
	THIS SHEET SUPERSEDES ANY OTHE	R M.S.D.S. PREVIOUSLY PI	REPARED		
N/E: not established	N.Ap: not a	pplicable		N/Av.: not available	