

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Eco-Care Kleen Parts	Stock No.	032 / 033
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:	N/A
Material Use:	Cleaner	Molecular Weight:	N.Ap.

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Alcohol ethoxylate	68439-46-3	1-5%	>2 g/kg rat-oral	N/E
D-limonene	5989-27-5	10-30%	> 2 g/kg rat-oral	N/E
Diethylene glycol monobutyl ether	112-34-5	1-5%	6.56 g/kg rat-oral	N/E
Ethanolamine	141-43-5	3-7%	2.1 g/kg rat-oral	N/Av.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	Liquid	Odour/Appearance:	Light citrus/clear light yellow
Specific Gravity:	0.988	Odour Threshold(p.p.m.):	N/E
Boiling Point:	100°C (Approx.)	Evaporation Rate (Acetone=1):	0.1
Freezing Point:	0 °C	Solubility in Water:	Forms Stable Emulsion
% wt. Volatile:	N/E	Vapour Pressure(mm)Hg:	N/E
Vapour Density(Air=1):	N/E	Coefficient of Water/Oil Distribut:	N/E
pH	9-10.5		

SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability Yes/No	Yes, Combustible liquid	If yes under which conditions:Open flame, heat, spark. May form explosive air-vapour mixture at elevated temperature.	
Auto Ignition Temperature:	225 °C	Means of Extinction: carbon dioxide, dry powder, foam type	
Flashpoint and Method:	52°C (TCC)	Hazardous Combustion Products: Oxides of carbon and products of incomplete combustion.	
Upper Flammable limit (%vol)	N/A	Lower Flammable Limit(% by volume):	N/A
Explosion Data:	Sensitivity to Mechanical Impact: No	Sensitivity to Static Discharge:	No

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 Oxidizer
Reactivity and under what conditions?	None known		
Hazardous Decomposition Products:	Oxides of carbon		

N/E: not established

N.Ap.: not applicable

N/Av.: not available

SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry: ALL routes	--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION		
Effects of Acute Exposure:	Over exposure to vapour may irritate respiratory passages and/or cause dizziness, nausea or headaches. May cause eye and skin irritation. Ingestion may cause gastrointestinal irritation and diarrhea.		
Effects of Chronic Exposure:	None known		
LD 50 of Product:	N/E	LC 50 of Product:	N/E
Irritancy of Product:	Moderate skin and eye irritant	Exposure Limits of Product:	N/E
Sensitization of Product:	None known	Toxicologically Synergistic Materials:	N/E
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY			None known

SECTION VII-PREVENTIVE MEASURES

Personal Protective Equipment to be used:

Gloves(specify):	Solvent proof gloves	Eye(specify):	Splash proof eye goggles
Respiratory(specify):	Maintain adequate ventilation	Clothing:	Not required
Respiratory Protection:	If used indoors or on a continuous basis, use of cartridge respirator for organic vapour is recommended		
Engineering Controls:	Positive exhaust ventilation required for enclosed area		
Leak and Spill Procedure:	Use absorbent material and place in sealed container, rinse area with plenty of water.		
Waste Disposal:	According to your local and /or provincial regulation		
Storage Requirements:	Keep material at ambient temperature. Keep away form source of heat, spark and ignition.		
Handling Procedures and Equipment:	No special procedure or equipment required.		
TDG Classification:	Not regulated.		
DSL listing	All components are listed.		
WHMIS Classification:	B3, D2B		

SECTION VIII-FIRST AID MEASURES

Eye:	Wash with water for at least 15 minutes. Seek medical help if irritation persists.
Skin:	Wash with soap and water. Seek medical help if irritation persists
Inhalation:	Remove to fresh air. Seek medical help.
Ingestion:	DO NOT INDUCE VOMITING. Give a glass of milk or water. Seek medical help immediately

SECTION IX-PREPARATION DATE OF M.S.D.S.

Additional Info/Comments:		Sources Used:
Phone Number:	(905) 793-4311	Prepared By: Quality Control Laboratory
DatePrepared:	January 2, 2012.	Kleen-Flo Tumbler Industries Limited

THIS SHEET SUPERSEDES ANY OTHER M.S.D.S. PREVIOUSLY PREPARED

N/Av.: not available

N/Ap.: not applicable

N/E: not established