

KLEEN-FLO TUMBLER INDUSTRIES LIMITED		MATERIAL SAFETY DATA SHEET		PAGE 1
<b>SECTION I-MATERIAL IDENTIFICATION AND USE</b>				
Material Name/Identifier:	Power Steering Fluid & Sealer	Stock No.	684/685 / 686	
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:	Petroleum Oil	
Chemical Formula:	N./Ap (Mixture)	Trade Names & Synonyms:	None	
Material Use:	Sealer/Conditioner	Molecular Weight:	N/Ap (mixture)	
<b>SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL</b>				
Hazardous Ingredients	C.A.S.	Approximate %Concentration	LD50 Species & Route	LC50 Species & Route
Hydrotreated heavy paraffinic	64742-54-7	1 - 5 %	> 2000mg/kg rat-oral	N/Av.
Hydrotreated Paraffinic base oil	64742-58-1	60-100%	> 2000mg/kg rat-oral	N/Av.
			> 4480 mg/kg rabbit-dermal.	
This material is not known to contain any chemicals listed as a carcinogen or suspected carcinogen by U.S. OSHA, IRAC or the U.S. National Toxicology Program (NTP) at a concentration greater than 0.1%.				
<b>SECTION III-PHYSICAL DATA FOR MATERIAL</b>				
Physical State:	Oil	Odour/Appearance:	Slight odour, Clear red colour oil	
Specific Gravity:	0.85	Odour Threshold(p.p.m.):	N/E	
Boiling Point:	246°C	Evaporation Rate (B.A.=1):	N/E	
Freezing Point:	N/E	Solubility in Water:	None	
% Volatile(by volume):	N/E	Vapour Pressure (mm) Hg:	<0.1	
Vapour Density(Air=1):	N/E	Coefficient of Water/Oil Distribut:	N/E	
pH	N.Ap.			
<b>SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL</b>				
Flammability Yes/No	No	If yes under which conditions?:	N.Ap.	
Auto Ignition Temperature:	>232 °C	Means of Extinction:	Foam, dry chemicals, carbon dioxide	
Flashpoint and Method:	165°C COC	Hazardous Combustion Prod.:	Aldehyde, Oxide of carbon, smoke	
			hydrogen sulfide, , alkylmercaptans, unidentified organic compounds.	
Upper Flammable limit (%vol)	N/Av.	Lower Flammable Limit(% by vol):	N/Av.	
Explosion Data:	N/Av.	Sensitivity to Static Discharge:	N/Av.	
<b>SECTION V-REACTIVITY DATA</b>				
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	
Reactivity and under what conditions?	Hot surfaces, open flame, fire			
Hazardous Decomposition Products:	Oxides or Carbon, Aldehydes, hydrogen sulfide, alkylmercaptans,			
N/E: not established	N.Ap.: not applicable		N/Av.: not available	

Material Name/Identifier: Power Steering Fluid & Sealer		Stock No. 684/685 / 686		PAGE 2
<b>SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT</b>				
Route of Entry: ALL Routes		--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION		
Effects of Acute Exposure:		May cause eye & skin irritation, dizziness, headache, nausea, vomiting, cough & pulmonary irritation.		
Effects of Chronic Exposure:		Prolong repeated inhalation of oil mist may cause oil pneumonia, lung tissue inflammation and fibrous tissue formation		
		Prolong repeated eye contact may cause inflammation of the membrane lining the eyelids, covering the eyeball.		
		prolong repeated skin contact may cause drying, cracking, redness, itching and dermatitis.		
LD 50 of Product:	N/E	LC 50 of Product:	N/E	
Irritancy of Product:	Slight skin & eye irritant	Exposure Limits of Prod:	N/E	
Sensitization of Product:	N/E	Toxicologically Synergistic Materials:	N/E	
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY				None Known
<b>SECTION VII-PREVENTIVE MEASURES</b>				
Personal Protective Equipment to be used:				
Gloves(specify):	Nitrile, Neoprene, Chemical resistant	Eye(specify):	Safety Glasses	
Respiratory (specify):	Not Required during normal use	Clothing:	Not Required	
Respiratory Protection:	If used indoors or on a continuous basis, use of NIOSH approved cartridge type respirator is recommended			
Engineering Controls:	Local or mechanical ventilation			
Leak and Spill Procedure:	Use inert absorbents, prevent from entering waterways.			
Waste Disposal:	According to local and provincial government regulation.			
Storage Requirements:	Store at temperature below 40°C. Keep container closed when not on use.			
Handling Procedures and				
Equipment:	Handle with care. Keep away from children. Do not inhale or ingest.			
DSL Listing	All components are listed in the inventory.			
TDG Classification:	Not Regulated			
WHMIS Classification:	Non-controlled			
<b>SECTION VIII-FIRST AID MEASURES</b>				
Eye:	Wash with water for at least 15 minutes. Seek medical help immediately if discomfort persists.			
Skin:	Remove contaminated clothing. Wash immediately with soap & water. See doctor if irritation persists.			
Inhalation:	Remove to fresh air. Restore breathing if required. See doctor if discomfort persists.			
Ingestion:	DO NOT INDUCE VOMITING. Get medical help immediately.			
<b>SECTION IX-PREPARATION DATE OF M.S.D.S.</b>				
Additional Info/Comments:		Source 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.Ap.: not applicable		N/Av.: not available