



**SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT**

Route of Entry: All Routes	--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION		
Effects of Acute Exposure:	May cause skin, eye irritation, dizziness, headache, vomiting, nausea, cough, pulmonary irritation		
Effects of Chronic Exposure:	Prolong, repeated eye and skin contact can cause severe eye irritation, dermatitis.		
	Repeated overexposure of may cause liver and kidney damage.		
LD 50 of Product:	>2000 mg/kg	LC 50 of Product:	N/E
Irritancy of Product:	Eye irritant	Exposure Limits of Product: 5mg/m3 TLV: TWA oil mist	
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):	Nitrile, PVA or chemical resistant gloves	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 a NIOSH approved cartridge type respirator is recommended.	
Engineering Controls:	Local ventilation	
Leak and Spill Procedure:	Absorb with inert absorbent and dispose.	
Waste Disposal:	According to local government regulation.	
Storage Requirements:	Keep container closed when not in use. Keep at room temperature.	
Handling Procedures and	Keep out of reach of children. Handle with care.	
Equipment:		
TDG Classification:	Not regulated	
WHMIS Classification:	Non-controlled	

**SECTION VIII-FIRST AID MEASURES**

Eye:	Flush immediately with running water for at least 15 minutes. Consult physician immediately.
Skin:	Remove contaminated clothing. Rinse with plenty of soapy. See doctor if irritation persist.
Inhalation	Remove to fresh air. Restore breathing if required. See doctor if discomfort persist.
Ingestion	DO NOT INDUCE VOMITING. If person conscious, give a glasses of water. See doctor immediately.

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

Additional Info/Comments:	Source used: Supplier's data
Phone Number:	(905) 793-4311 Prepared By: Quality Control Laboratory
Date Prepared:	Janauary 2, 2012. 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
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**SECTION I-MATERIAL IDENTIFICATION AND USE**

Material Name/Identifier:	Power Steering Fluid & Sealer	Stock No.	688-2
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)

**SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL**

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 o	64742-58-1	60-100%	> 2000mg/kg rat-oral > 4480 mg/kg rabbit-dermal.	N/Av.

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%.

**SECTION III-PHYSICAL DATA FOR MATERIAL**

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.		

**SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL**

Flammability Yes/No	No	If yes under which conditions?:	N.Ap.
Auto Ignition Temperature:	>232 °C	Means of Extinguishing:	Foam, dry chemicals, carbon dioxide
Flashpoint and Method:	165°C COC	Hazardous Combustion Prod.:	Aldehyde, Oxide of carbon, smoke hydrogen sulfide, , alkylmercaptans, unidetified 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.

**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
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

<b>Material Name/Identifier:</b> Power Steering Fluid & Sealer		<b>Stock No.</b> 688-2		<b>PAGE 2</b>	
<b>SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT</b>					
<b>Route of Entry: ALL Routes</b>		--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION			
<b>Effects of Acute Exposure:</b>		May cause eye & skin irritation, dizziness, headache, nausea, vomiting, cough & pulmonary irritation.			
<b>Effects of Chronic Exposure:</b>		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.			
<b>LD 50 of Product:</b>		N/E		<b>LC 50 of Product:</b> N/E	
<b>Irritancy of Product:</b>		Slight skin & eye irritant		<b>Exposure Limits of Prod:</b> N/E	
<b>Sensitization of Product:</b>		N/E		<b>Toxicologically Synergistic Materials:</b> N/E	
<b>--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY</b>					None Known
<b>SECTION VII-PREVENTIVE MEASURES</b>					
<b>Personal Protective Equipment to be used:</b>					
<b>Gloves(specify):</b>		Nitrile, Neoprene, Chemical resistant		<b>Eye(specify):</b> Safety Glasses	
<b>Respiratory (specify):</b>		Not Required during normal use		<b>Clothing:</b> Not Required	
<b>Respiratory Protection:</b>		If used indoors or on a continuous basis, use of NIOSH approved cartridge type respirator is recommended			
<b>Engineering Controls:</b>		Local or mechanical ventilation			
<b>Leak and Spill Procedure:</b>		Use inert absorbents, prevent from entering waterways.			
<b>Waste Disposal:</b>		According to local and provincial government regulation.			
<b>Storage Requirements:</b>		Store at temperature below 40°C. Keep container closed when not on use.			
<b>Handling Procedures and</b>					
<b>Equipment:</b>		Handle with care. Keep away from children. Do not inhale or ingest.			
<b>DSL Listing</b>		All components are listed in the inventory.			
<b>TDG Classification:</b>		Not Regulated			
<b>WHMIS Classification:</b>		Non-controlled			
<b>SECTION VIII-FIRST AID MEASURES</b>					
<b>Eye:</b>		Wash with water for at least 15 minutes. Seek medical help if discomfort persists.			
<b>Skin:</b>		Remove contaminated clothing. Wash immediately with soap & water. See doctor if irritation persist.			
<b>Inhalation:</b>		Remove to fresh air. Restore breathing if required. See doctor if discomfort persist.			
<b>Ingestion:</b>		DO NOT INDUCE VOMITING. Get medical help immediately.			
<b>SECTION IX-PREPARATION DATE OF M.S.D.S.</b>					
<b>Additional Info/Comments:</b>		Source used: Supplier's data			
<b>Phone Number:</b>		(905) 793-4311		<b>Prepared By:</b> Quality Control Laboratory	
<b>Date Prepared:</b>		January 2, 2012.		Kleen-Flo Tumbler Industries Limited	
<b>THIS SHEET SUPERSEDES ANY OTHER M.S.D.S. PREVIOUSLY PREPARED</b>					
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