

## SECTION I-MATERIAL IDENTIFICATION AND USE

<b>Material Name/Identifier:</b>	<b>Automatic Transmission Sealer&amp; Conditioner</b>	<b>Stock No.</b>	<b>690</b>
<b>Manufacturer's Name:</b>	<b>Kleen-Flo Tumbler Industries Ltd</b>	<b>Street Address:</b>	<b>75 Advance Blvd.</b>
<b>City:</b>	<b>Brampton</b>	<b>Province:</b>	<b>Ontario</b>
<b>Postal Code:</b>	<b>L6T 4N1</b>	<b>Emergency Phone #:</b>	<b>CANUTEC:- 613-996-6666 (24HR)</b>
<b>Chemical Name:</b>	<b>N/A (mixture)</b>	<b>Chemical Family:</b>	<b>Petroleum Oil</b>
<b>Chemical Formula:</b>	<b>N/A (mixture)</b>	<b>Trade Names &amp; Synonyms:</b>	<b>None</b>
<b>Material Use:</b>	<b>Sealer conditioner</b>	<b>Molecular Weight:</b>	<b>N/Av. (mixture)</b>

## SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Hydrotreated base oil	64742-54-7	60-100 %	>5000mg/kg rat-oral	5.2mg/L 4 hr Rat. Inhal.
Hydrotreated Paraffinic oil	64742-47-8	10-30 %	>5000mg/kg rat-oral	5.2mg/L 4 hr Rat. Inhal.
<p>This material is not known to contain any chemical listed as a carcinogen or suspected carcinogen by U.S. OSHS, IRAC, National Toxicology Program (NTP) at a concentration greater than 0.1 %.</p>				

### SECTION III-PHYSICAL DATA FOR MATERIAL

<b>Physical State:</b>	<b>liquid oil</b>	<b>Odour/Appearance:</b>	<b>Light hydrocarbon odour/ deep red colour</b>
<b>Specific Gravity:</b>	<b>0.86</b>	<b>Odour Threshold(p.p.m.):</b>	<b>N/E</b>
<b>Boiling Point:</b>	<b>&gt; 150°C</b>	<b>Evaporation Rate:</b>	<b>N/E</b>
<b>Freezing Point:</b>	<b>N/E</b>	<b>Solubility in Water:</b>	<b>None</b>
<b>% Volatile(by volume):</b>	<b>N/E</b>	<b>Vapour Pressure(mm)Hg:</b>	<b>N/E</b>
<b>Vapour Density(Air=1):</b>	<b>N/A</b>	<b>Coefficient of Water/Oil Distribut:</b>	<b>N/E</b>
<b>pH</b>	<b>N/A</b>		

## SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL

<b>Flammability Yes/No</b>	<b>No</b>	<b>If yes under which conditions?:</b> <b>N.Ap.</b>
<b>Auto Ignition Temperature:</b>	<b>N/E</b>	<b>Means of Extinction:</b> Carbon dioxide, Foam, Dry Chemicals
<b>Flashpoint and Method:</b>	<b>179°C PMCC</b>	<b>Hazardous Combustion Products:</b> Hydrocarbon fumes and
		<b>Smoke, carbon dioxide, carbon monoxide</b>
<b>Upper Flammable limit (%vol)</b>	<b>N/E</b>	<b>Lower Flammable Limit (% by vol):</b> N/E
<b>Explosion Data:</b>	<b>Sensitivity to mechanical impact: N/E</b>	<b>Sensitivity to Static Discharge:</b> No

## SECTION V-REACTIVITY DATA

<b>Chemical Stability Yes/No:</b>	<b>Yes</b>	<b>If NO under which conditions?</b>	<b>N.Ap.</b>
<b>Incompatibility to Other Substances Yes/No:</b>	<b>Yes</b>	<b>If so which ones? Strong oxidizing agents</b>	
<b>Reactivity and under what conditions?</b>	<b>Hot surfaces, open flames, fire</b>		
<b>Hazardous Decomposition Products:</b>	<b>Carbon monoxide, carbon dioxide, Hydrocarbon, fumes, smoke.</b>		

**N/E: not established**

**N.Ap.: Not applicable**

**N/Av.: not available**

Material Name/Identifier: Automatic Transmission Conditioner		Stock No. 690		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:		Nausea, headache, skin and eye irritation, dermatitis, respiration irritation.		
Effects of Chronic Exposure:		None known		
LD 50 of Product:		N/E	LC 50 of Product:	N/E
Irritancy of Product:		slight Eye, skin irritant	Exposure Limits of Product:	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):	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 NIOSH approved cartridge type respirator is recommended			
Engineering Controls:	Local ventilation			
Leak and Spill Procedure:	Use inert absorbent material to absorb. Collect and dispose according local government regulation.			
Waste Disposal:	According to local and provincial government regulation.			
Storage Requirements:	Store at room temperature. Keep container closed when not in use.			
Handling Procedures and	Keep away from open flame, excessive heat, source of ignition.			
Equipment:	Handle with care. Keep away from children. Do not inhale or ingest.			
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 if discomfort persists.			
Skin:	Remove contaminated clothing. Wash immediately with soap & water. See doctor if irritation persist.			
Inhalation	Remove to fresh air. Restore breathing if required. See doctor if discomfort persist.			
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