SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Oil Treatment	Stock No.	705
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/Av. (Mixture)
Chemical Formula:	N.Ap. (Mixture)	Trade Names & Synonyms:	None
Material Use:	Lube oil additive: organic compound in o	Molecular Weight:	N/Av. (Mixture)

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Heavy paraffinic oil	64742-54-7	60 - 100%	>5000mg/kg rat-oral	5.2mg/L 4 hr Rat. Inhal.
Zinc dialkyldithiophosphate	68649-42-3	0.1 - 1.0%	N/Av.	N/Av.

This material is not known to contain any chemical listed as a carcinogen or suspected carcinogen by the US OSHA, IRAC or the US National Toxicology Program at a concentration greater than 0.1%.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	Liquid	Odour/Appearance:	Mild odour/ high viscosity, amber liquid
Specific Gravity:	0.86 @ 15.5ºC	Odour Threshold(p.p.m.):	N/E
Boiling Point:	> 150ºC	Evaporation Rate:	N/E
Freezing Point:	N/E	Solubility in Water:	none
% Volatile(by volume):	N/E	Vapour Pressure(mm)Hg:	N/E
Vapour Density(Air=1):	N/Av.	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:	N/E	Means of Extinction: Foam, carbon dioxide, dry chemicals, water fog	
Flashpoint and Method:	150ºC PMCC	Hazardous Combustion Products: Hydrocarbon fumes and	
		Smoke, carbon dioxide, carbon monoxide	
Upper Flammable limit (%vol)	N/E	Lower Flammable Limit(% by vol):	N/E
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.
Incompatibility to Other Substances Yes/No:	Yes	If so which ones? Strong Oxidizers	
Reactivity and under what conditions?	Hot surfaces, Open flame, Fire		
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide		

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:	May cause eye & skin irritation, dizziness, headache, nausea, vomiting, cough & pulmonary 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

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 NIOSH approved cartridge type respirator is recommended		
Engineering Controls:	local and mechanical 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	Handle with care. Keep away from children. Do not inhale or ingest.		
Equipment:			
DSL listing	All components are listed in the inventory.		
TDG Classification:	Not regulated		
WHMIS Classification:	Non-controlled		

SECTION VIII-FIRST AID MEASURES

Eye:	Flush eyes with plenty of water for at least 15 minutes and consult physician immediately if irritation persist..
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.

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

Additional Info/Comments:		Sources Used: Supplier's data	
Phone Number:	(905) 793-4311	Prepared By: Quality Control Laboratory	
Date Prepared:	January 16, 2012.	Kleen-Flo Tumbler Industries Limited	

N/E: not established N.Ap.: not applicable N/Av.: not available

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