

Material Name/Identifier:	KF MAX Injector Oil	Stock No.	505
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.
Chemical Formula:	N. Ap (mixture)	Trade Names & Synonyms:	KF MAX
Material Use:	2 cycle oil	Molecular Weight:	N/Av.

Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Hydrotreated Light Distillate aliphatic	64742-47-8	30 - 60 %	> 5 g/kg rat-oral	N/Av.
Solvent Naphtha, Medium aliphatic	64742-88-7	30 - 60 %	>5 g/kg rat-oral	N/Av.

Physical State:	Liquid	Odour/Appearance: Hydrocarbon odour/Blue- Green liquid
Specific Gravity:	0.86 to 0.90	Odour Threshold(p.p.m.):
Boiling Point:	N/Av.	Evaporation Rate: N/E
Freezing Point:	< -42°C	Solubility in Water: negligible
% Volatile(by volume):	N/Av.	Vapour Pressure(mm)Hg: <0.1
Vapour Density(Air=1):	N/Av.	Coefficient of Water/Oil Distribut: N/E
pH	N/Av.	

Flammability Yes/No	Yes, Combustible	If yes under which conditions?: At or above flash point combustible liquid.
Auto Ignition Temperature:	N/A	Means of Extinction: Water spray, dry chemicals, alcohol foam, Carbon dioxide
Flashpoint and Method:	> 65°C	Hazardous Combustion Products: Smoke, carbon dioxide,
		carbon monoxide under thermal decomposition.
Upper Flammable limit (% vol)	N/E	Lower Flammable Limit(% by volume): N/E
Explosion Data:	Sensitivity of Mechanical Impact: N.Ap.	Sensitivity to Static Discharge: N.Ap.

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?	N/E		
Hazardous Decomposition Products:	Thermal decomposition may produce oxides of carbon and asphyxiants.		

N/Av: not available

Material Name/Identifier:		KF MAX Injector Oil		Stock No. 505		PAGE 2	
<u>SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT</u>							
Route of Entry: ALL Routes		--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION					
Effects of Acute Exposure:		May cause eye irritation but will not damage eye tissue. Frequent or prolonged contact may irritate					
		skin or cause rash. Small amount of this liquid drawn into lungs from swallowing or vomiting may					
		cause severe health effects (eg. bronchopneumonia or pulmonary edema)					
Effects of chronic exposure:		None known					
LD 50 oral > 5000 mg/kg		LC 50 > 5.2ml/l					
Irritancy of Product:		Slight eye irritant		Exposure Limits of Product: 5mg/m3 8hr inhal. TWA (ACGIH)			
Sensitization of Product:		N/E		Toxicologically Synergistic Materials: N/E			
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY						None known	
<u>SECTION VII-PREVENTIVE MEASURES</u>							
Personal Protective Equipment to be used:							
Gloves(specify):		Nitrile, PVA, Viton, Neoprene		Eye(specify):		Safety Glasses	
Respiratory(specify):		Not required in normal use		Clothing:		Not required	
Respiratory Protection:		If used indoors or on a continuous basis, use of NIOSH approved respirator is recommended					
Engineering Controls:		Local or mechanical ventilation recommended					
Leak and Spill Procedure:		Eliminate all ignition sources, contain spills with absorbent materials. Prevent from entering					
		sewage system.					
Waste Disposal:		Dispose at local hazardous waste disposal services. Follow local or provincial regulation.					
Storage Requirements:		Store in cool place. Keep lid on when not in use. Keep away from open flame or spark.					
Handling Procedures and		Handle with care. Keep away from children.					
Equipment:							
TDG Classification:		Not Regulated					
WHMIS Classification:		Non controlled.					
Hazard Rating:		Health 1, Flammability 1, Reactivity 0					
<u>SECTION VIII-FIRST AID MEASURES</u>							
Eye:		Flush with plenty of water for 15 minutes. Consult a physician.					
Skin:		Wash with soap and water. If irritation persists consult a physician.					
Inhalation:		Move patient to fresh air and restore breathing if required. Consult a physician.					
Ingestion:		DO NOT INDUCE VOMITING. Get medical attention immediately					
<u>SECTION IX-PREPARATION DATE OF M.S.D.S.</u>							
Additional Info/Comments:				Sources 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/Av.: not available		N/Ap.: not applicable		N/E: not established			