

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Diesel Injector Cleaner-Fuel Stabilizer	Stock No.	795/796
Manufacturer's Name:	Kleen-Flo Tumbler Industries Ltd	Street Address:	75 Advance Blvd.
City:	Brampton	Province:	Ontario
Postal Code:	L6T 4N1	Emergency Phone #:	(905) 793-4311
Chemical Name:	N/Ap	Chemical Family:	N/Ap
Chemical Formula:	N/Ap	Trade Names & Synonyms:	No
Material Use:	Cleaner	Molecular Weight:	N/Ap

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Conc. %wt.	LD50 Species & Route	LC50 Species & Route
Light Hydrocracked Distillate	68476-30-2	60-80	> 5 g/kg rat-oral	> 5000 mg/m3 rat (4 hr)
Heavy aromatic naphtha	64742-94-5	10 -30	N/Av.	N/Av.
Naphthalene	91-20-3	1 -5	N/Av.	N/Av.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	liquid	Odour/Appearance:	Aromatic Hydrocarbon odour/Amber
Specific Gravity:	0.84	Odour Threshold(p.p.m.):	N/E
Boiling Point:	150-370°C	Evaporation Rate:	N/E
Freezing Point:	N/E	Solubility in Water:	None
% Volatile(by volume):	N/E	Vapour Pressure(m) Hg	N/E
Vapour Density(Air=1):	>1	Coefficient of Water/Oil Distribut	N/E
pH:	N.Ap.		

SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability Yes/No	Yes	If yes under which conditions: Heat, open flame, spark
Auto Ignition Temperature:	N/Av.	Means of Extinction: carbon dioxide, dry chemicals, foam
Flashpoint and Method, PMcc	40°C	Hazardous Combustion Products: hydrocarbon fumes & smoke, carbon monoxide carbon dioxide where combustion incomplete
Upper Flammable limit (%vol)	10.1	Lower Flammable Limit (% by volume) 1.09
Explosion Data:	Sensitivity to Mechanical Impact: N/Ap.	Sensitivity to Static Discharge: N/Ap.

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 flames, fire	
Hazardous Decomposition Products:	Fume, Smoke, Carbon Monoxide, Oxides of nitrogen and sulfur dioxide	

N/E: not established

N/Ap: Not applicable

N/Av.: not available

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SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT				
Route of Entry: ALL Routes	--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION			
Effects of Acute Exposure:	Inhalation of vapors may cause irritation of nose and throat, dizziness, weakness, headache, nausea, vomiting, blurred vision, tremor, shallow & rapid respiration, heart ventricular irregularities.			
Effects of Chronic Exposure:	Lifetime skin tests indicate that stove oil or materials of similar composition have produced skin cancer in experimental animals.			
LD 50 of Product:	N/Av.	LC 50 of Product:	N/Av.	
Irritancy of Product:	Prolonged contact may cause dermatitis	Exposure Limits of Product:	N/Av.	
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):	Neoprene/rubber gloves	Eye (specify):	Safety Glasses	
Respiratory(specify):	Not required in normal use	Clothing:	N/E	
Respiratory Protection:	If used indoors or on a continuous basis, use of cartridge type respirator is recommended			
Engineering Controls:	Local and mechanical ventilation recommended			
Leak and Spill Procedure:	Pick up free liquid for recycle/disposal. Absorb small amounts on inert material for disposal.			
Waste Disposal:	Treat as waste solvent. Disposal should be in compliance with local regulations.			
Storage Requirements:	Store in a cool , well ventilated place, away from flame & heat.			
Handling Procedures and	Always keep container closed			
Equipment:	Handle all chemicals with care. Keep away from children. Do not inhale or ingest.			
DSL listing	All components are listed.			
TDG Classification:	Not Controlled Product			
WHMIS Classification:	Consumer Commodity	Complies with CCCR2001		
SECTION VIII-FIRST AID MEASURES				
Eye:	Flush immediately with water for at least 15 minutes. See a physician			
Skin:	Wash with soap and water			
Inhalation	remove to fresh air. if unconscious, call physician. If not breathing give artificial respiration.			
Ingestion:	DO NOT INDUCE VOMITING. Keep at rest. Get prompt medical attention.			
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:	January 16, 2009.	Kleen-Flo Tumbler Industries Limited		
THIS SHEET SUPERSEDES ANY OTHER M.S.D.S. PREVIOUSLY PREPARED				
N/E: not established	N/Av: Not applicable		N/Av.: not available	