

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 #:	CANUTEC:- 613-996-6666 (24HR)
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	60-100	> 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	490mg/kg rat-oral	N/Av.
1,2,4 Trimethyle benzene	95-63-6	0.1 - 1.0	5 g/kg rat-oral	N/Av.
Trimethyl benzene	25551-13-7	0.1 - 1.0	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(mi) 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:	Smoke, aldehydes, oxides of sulfur, nitrogen, Carbon dioxide, carbon monoxide.
Upper Flammable limit (% vol)	6.50	Lower Flammable Limit (% by volume):	0.70
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		

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 casue moderately skin and eye irritation. If swallowed, may aspirated and cause lungs damage.		
	Inhalation of vapors may cause irritation of nose and throat, dizziness, weakness, headache, nausea.		
	High pressure injection under skin may casue serious damage.		
Effects of Chronic Exposure:	Lifetime skin tests indicate that hydrocracked stock or materials of similar composition have produced skin cancer in experimental animals. Exposure to high concentration of naphthalene may cause destruction of red blood cell. Naphthalene caused cancer in laboratory animal, relevance to human is uncertain.		
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):	Chemical resistant gloves	Eye (specify):	Safety Glasses
Respiratory(specify):	Not required in normal use	Clothing:	Not required in normal use
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 recommended		
Leak and Spill Procedure:	Contain spill, use with inert absorbent materials and non sparking tools. Prevent entering to waterways.		
Waste Disposal:	Treat as waste solvent. Disposal should be in compliance with local government regulations.		
Storage Requirements:	Store at room temperature, well ventilated area. Keep away from openflame, hot surface, source of ingintion.		
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 with plenty of water for 15 minutes. Consult a physician immediately if discomfort persist.
Skin:	Remove contaminated clothing. Wash with soap and water. See doctor if irritation or rashes persist.
Inhalation	Move patient to fresh air and restore breathing if required. See doctor if discomfort persist.
Ingestion:	DO NOT INDUCE VOMITING. Seek medical help immediately.

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

Additional Info/Comments:	Source used: Supplier's data
Phone Number:	(905) 793-4311
Date Prepared:	January 2, 2015.
Prepared By: Quality Control Laboratory Kleen-Flo Tumbler Industries Limited	

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