

KLEEN-FLO TUMBLER INDUSTRIES LIMITED		MATERIAL SAFETY DATA SHEET		PAGE 1
SECTION I-MATERIAL IDENTIFICATION AND USE				
Material Name/Identifier:	Rim Slip Tire Mounting Lube	Stock No.	571/572	
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. Ap (Mixture)	
Chemical Formula:	N. Ap (Mixture)	Trade name & Synonyms:	None	
Material Use:	Tire Lubricant	Molecular Weight:	N. Ap (Mixture)	
SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL				
Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Oleic Acid	61790-12-3	5 - 10 %	N/Av.	N/Av.
Ethylene Glycol	107-21-1	0.1 - 1 %	6140 mg/kg oral - rat	N/Av.
SECTION III-PHYSICAL DATA FOR MATERIAL				
Physical State:	liquid	Odour/Appearance:	odourless/Light yellow -green fluid	
Specific Gravity:	1.005	Odour Threshold(p.p.m.):	N/E	
Boiling Point:	N/E	Evaporation Rate:	N/E	
Freezing Point:	N/E	Solubility in Water:	Soluble in all proportion.	
% Volatile(by volume):	N/E	Vapour Pressure(mm)Hg:	N/E	
Vapour Density(Air=1):	N/E	Coefficient of Water/Oil Distribut:	N/E	
pH	9 - 10			
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:	Waterspray, dry chemical, carbon dioxide foam,	
Flashpoint and Method:	None	Hazardous Combustion Products:	Carbon dioxide, Carbon monoxide	
Special fire fighting procedure:	None required	Alcohol, Aldehydes, ethers.		
Upper Flammable limit	N.Ap.	Lower Flammable Limit(% by volume):	N.Ap.	
Explosion Data:	Sensitivity to mechanical 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?	None known			
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide and other unknown combustible materials.			
Hazardous polymerization: None known				
N/E: not established		N.Ap.: not applicable		N/Av.: not available

SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry:	--SKIN CONTACT -xSKIN ABSORPTION -xEYE CONTACT -xINHALATION -xINGESTION		
Effects of Acute Exposure:	May cause skin, eye irritation. Ingestion may cause harmful effect to liver, kidneys and depression of the central nervous system due to ethylene glycol.		
Effects of Chronic Exposure:	N/E		
LD 50 of Product	N/E	LC 50 of Product	N/E
Irritancy of Product:	Mild eye irritant(no permanent damage)	Exposure Limits of Product:	N/E
Sensitization of Product:	None Known	Toxicologically Synergistic Materials:	N/A
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY			None known

SECTION VII-PREVENTIVE MEASURES

Personal Protective Equipment to be used:

Gloves(specify):	Nitrile, Chemical resistant gloves	Eye(specify):	Safety goggles
Respiratory(specify):	Not required during normal use	Clothing:	plastic apron.
Respiratory Protection:	If used indoors or on a continuous basis, use of cartridge type NIOSH approved respirator is recommended		
Engineering Controls:	Local or mechanical exhaust recommended.		
Leak and Spill Procedure:	Contain into waste container or absorb with non-combustible absorbent material. Hose off surface with plenty of water.		
Waste Disposal:	Dispose off according to local, provincial and federal regulation.		
Storage Requirements:	Keep container closed when not in use.		
Handling Procedures and			
Equipment:	Avoid prolong skin contact and inhalation.		
DSL listing	All components are listed in the inventory.		
TDG Classification:	Not regulated		
WHMIS Classification:	#571: Consumer Commodity	# 572	D2B

SECTION VIII-FIRST AID MEASURES

Eye:	Rinse with plenty of water for 15 minutes. If discomfort persists, consult a doctor.
Skin:	Remove contaminated clothing. Wash with soap and water. If rash persists, seek medical help.
Inhalation:	Remove to fresh air, see doctor if discomfort persist.
Ingestion:	DO NOT INDUCE VOMITING. Seek medical attention 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 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
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