

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Kleen Slip Silicone Lubricant	Stock No.	740/742
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 Names & Synonyms:	Kleen-Slip
Material Use:	Lubricant (Aerosol)	Molecular Weight:	N.Ap (Mixture)

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Hexane	110-54-3	30 -60	28710 mg/kg rat-oral	120000mg/kg mouse-inhal.
petroleum distillates	8032-32-4	1 -5	10ml/kg rat-oral	6350 ppm rat-inhal/4 hr.
Propane (Propellant)	74-98-6	7-13%	>5000mg/kg dermal-rabbit	N/Av.
Isobutane (Propellant)	75-28-5	10-30	N/Av.	142500ppm (4 hr) rat-inh.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	Aerosol	Odour/Appearance:	Characteristic/Clear, Colourless
Specific Gravity:	0.70	Odour Threshold(p.p.m.):	N/Av.
Boiling Point:	68 - 74 °C	Evaporation Rate:	>1
Freezing Point:	N/Av.	Solubility in Water:	negligible
% Volatile(by volume):	N/Av.	Vapour Pressure:	50 - 60 psig
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?: Excessive heat, open flame or sparks
Auto Ignition Temperature:	225°C	Means of Extinction: Dry Chemicals, Carbon dioxide, Foam
Flashpoint and Method:	N/E	Hazardous Combustion Products: Phosgene, Chlorine, Hydrogen
Flame extension	>45 cm, but <100 cm	chloride, Carbon monoxide where combustion is incomplete
Upper Flammable limit (%vol)	7	Lower Flammable Limit(% by volume): 0.6
Explosion Data:	N/Av	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 Oxidizers
Reactivity and under what conditions?	Container may explode if exposed to temperatures >50°C	
Hazardous Decomposition Products:	Hydrocarbon fumes & smoke. Carbon monoxide where combustion is incomplete	
	Possible phosgene over 250°C, chlorine gas, hydrochloric acid	

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 Dizziness, nausea, vomiting headache, weakness, eye/skin irritation		
Effects of Chronic Exposure:	Prolong skin caontact may cause skin defatting dermatitis		
LD 50 of Product:	N/E	LC 50 of Product:	N/E
Irritancy of Product:	eye and skin irritant	Exposure Limits of Product:	50ppm Hexane
Sensitization of Product:	N/Av.	Toxicologically Synergistic Materials:	N/Av.
--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.
Respiratory Protection:	If used indoors or on a continuous basis, use of NIOSH approved respirator is recommended		
Engineering Controls:	Local or mechanical exhaust ventilation is recommended.		
Leak and Spill Procedure:	Remove all sources of ignition. Use inert absorbent material, non-sparking tools. Avoid breathing fumes. Ventilate area. Prevent from entering a watercourse.		
Waste Disposal:	Standard methods as approved in your region by municipal or provincial government.		
Storage Requirements:	Store in a cool, well ventilated area where temperature not to exceed 45°C		
Handling Procedures and Equipment:	Keep away from heat, spark and open flame. Keep away from children. Do not inhale or ingest. Do not puncture or incinerate containers, even when empty		
NFPA 30B/CNFC 3.3.5	Level 3		
TDG Classification:	Consumer Commodity		
WHMIS Classification:	Consumer Commodity	Complies with CCCR 2001	

SECTION VIII-FIRST AID MEASURES

Eye:	Flush with water for at least 15 minutes. Seek medical help immediately if irritation persists.
Skin:	Flush immediately and thoroughly with soap and water. Contact doctor if rash, irritation persist.
Inhalation:	Move patient to fresh air and restore breathing if required. See doctor if discomfort persist.
Ingestion:	DO NOT INDUCE VOMITING. Call a physician immediately

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, 2012.	Kleen-Flo Tumbler Industries Limited

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