

**SECTION I-MATERIAL IDENTIFICATION AND USE**

Material Name/Identifier:	Quik Penetrating Solvent	Stock No.	807
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:	Organic
Chemical Formula:	N.Ap.(mixture)	Trade Names & Synonyms:	Quik
Material Use:	Penetrant/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
Mineral spirits	64742-47-8	30-60	> 5000mg/kg rat-oral	1400ppm/4hr rat-inh.
White Mineral Oil	8042-47-5	30-60	> 5000mg/kg rat-oral	>5mg/L inhal - rat
Propane.	74-98-6	7-13	>5000mg/kg dermal-rabbit	N/Av.

**SECTION III-PHYSICAL DATA FOR MATERIAL**

Physical State:	Aerosol	Odour/Appearance:	Hydrocarbon odour/ Amber colour
Specific Gravity:	0.841	Odour Threshold(p.p.m.):	N/Av.
Boiling Point:	156-200°C	Evaporation Rate:	less than 1
Freezing Point:	N/Av.	Solubility in Water:	N/Av.
% Volatile(by volume):	55-56	Vapour Pressure:	40-45 psig
Vapour Density(Air=1):	Greater than 1	Coefficient of Water/Oil Distribut:	N/Av.
pH:	N.Ap.		

**SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL**

Flammability Yes/No	Yes	If yes under which conditions?: Excessive heat, sparks, open flame
Auto Ignition Temperature:	N/Av.	Means of Extinguishing: Carbon Dioxide, dry chemical, foam.
Flashpoint and Method:	43°C T.C.C. (Lowest known Mineral spirit)	Hazardous Combustion Products: Hydrocarbon fumes & smoke,
Flame Extension:	> 45 cm <100cm	Carbon monoxide where combustion is incomplete
Upper Flammable limit, % vol	9.5	Lower Flammable Limit (% by volume): 1
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?: Under normal conditions
Incompatibility to Other Substances Yes/No:	No	If so which ones? strong oxidizing agents.
Reactivity and under what conditions?	Excessive heat, open flame, spark, source of ignition.	
Hazardous Decomposition Products:	Hydrocarbon fumes & smoke, carbon monoxide where combustion is completed.	

N/E: not established

N.Ap.:not applicable

N/Av.: not available

**SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT**

<b>Route of Entry: ALL Routes</b>	--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION		
<b>Effects of Acute Exposure:</b>	May cause skin and eye irritation. Inhalation may cause respiratory tract irritation, headache, nausea, vomiting, weakness		
<b>Effects of Chronic Exposure:</b>	Solvents may cause defatting dermatitis		
<b>LD 50 of Product:</b>	N/Av.	<b>LC 50 of Product:</b>	N/Av.
<b>Irritancy of Product:</b>	eye and skin irritant	<b>Exposure Limits of Product:</b>	N/Av.
<b>Sensitization of Product:</b>	Unknown	<b>Toxicologically Synergistic Materials:</b>	None Known
<b>--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY</b>			None Known

**SECTION VII-PREVENTIVE MEASURES**

**Personal Protective Equipment to be used:**

<b>Gloves(specify):</b>	Wear chemical resistant gloves	<b>Eye (specify):</b>	Safety glasses
<b>Respiratory(specify):</b>	Organic vapour mask	<b>Clothing:</b>	Not required
<b>Respiratory Protection:</b>	If used indoors or on a continuous basis, use of NIOSH approved cartridge type respirator is recommended		
<b>Engineering Controls:</b>	Local and mechanical ventilation		
<b>Leak and Spill Procedure:</b>	Remove all sources of ignition. Use an inert absorbent material and non-sparking tools. Avoid breathing fumes, ventilate area. prevent from entering a watercourse.		
<b>Waste Disposal:</b>	Do not puncture or incinerate containers, even when empty. Dispose of in accordance with local, Provincial and federal regulations		
<b>Storage Requirements:</b>	Keep container closed when not in use. Store at room temperature below 48.9°C		
<b>Handling Procedures and</b>	Do not puncture or incinerate container. Handle with care. Keep away from children.		
<b>Equipment:</b>	Do not inhale or ingest.		
<b>DSL listing</b>	All components are listed on the inventory.		
<b>NFPA30B/CNFC 3.3.5</b>	Level 3		
<b>TDG Classification:</b>	Consumer Commodity		
<b>WHMIS Classification:</b>	Consumer Commodity	Complies with CCCR 2001.	

**SECTION VIII-FIRST AID MEASURES**

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

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

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

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

N/E: not established	N.Ap.:not applicable	N/Av.: not available
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