

<b>Material Name/Identifier:</b>	<b>IGNITION KLEEN</b>	<b>Stock No.</b>	<b>670</b>
<b>Manufacturer's Name:</b>	<b>Kleen-Flo Tumbler Industries Ltd</b>	<b>Street Address:</b>	<b>75 Advance Blvd.</b>
<b>City:</b>	<b>Brampton</b>	<b>Province:</b>	<b>Ontario</b>
<b>Postal Code:</b>	<b>L6T 4N1</b>	<b>Emergency Phone #:</b>	<b>CANUTEC:- 613-996-6666 (24HR)</b>
<b>Chemical Name:</b>	<b>N/Av. (mixture)</b>	<b>Chemical Family:</b>	<b>Synthetic resin</b>
<b>Chemical Formula:</b>	<b>N/Av. (mixture)</b>	<b>Trade Names &amp; Synonyms:</b>	<b>IGNITION KLEEN</b>
<b>Material Use:</b>	<b>Aerosolized spray sealer</b>	<b>Molecular Weight:</b>	<b>N/Av. (mixture)</b>

Hazardous Ingredients	C.A.S.	Approximate Concentration (%)	LD50 Species & Route	LC50 Species & Route
Acetone	67-64-1	10-30	>9750mg/kg rat-oral	>16000 ppm (4hr) inhal rat
Toluene	108-88-3	20-30	5000 mg/kg rat-oral	8000 ppm (4hr) rat-inhl.
Propylene glycol methyl ether acetate	108-65-6	7-13	8500 mg/kg rat-oral	>4345 ppm (6hr) rat-inhl.
Propylene glycol methyl ether	107-98-2	1-5	5660 mg/kg rat-oral	7000 ppm (4hr) rat-inhl.
Diacetone alcohol	123-42-2	1-5	4000 mg/kg rat-oral	N/Av.
n-butyl acetate	123-86-4	1-5	13100 mg/kg rat-oral	2000 ppm (4hr) rat-inhl.
Isobutane (propellant)	75-28-5	5-10	N/Ap.	142,500 ppm/4 hr. Rat-inhl.
Propane (Propellant)	74-98-6	10-30	>5000mg/kg dermal-rabbit	N/Av.

<b>Physical State:</b>	Aerosol	<b>Odour/Appearance:</b>	light ketone odour/clear liquid
<b>Specific Gravity:</b>	0.9	<b>Odour Threshold(p.p.m.):</b>	N/Av.
<b>Boiling Point:</b>	57-150°C	<b>Evaporation Rate:</b>	> 1
<b>Freezing Point:</b>	N/E	<b>Solubility in Water:</b>	N/Av.
<b>% Volatile(by volume):</b>	90-91	<b>Vapour Pressure:</b>	55 -65 psig (Aerosol)
<b>Vapour Density(Air=1):</b>	>1	<b>Coefficient of Water/Oil Distribut:</b>	N/E
<b>pH</b>	N.A.D.		

<b>Flammability</b> Yes/No	<b>Yes</b>	<b>If yes under which conditions:</b> Heat, spark and open flame
<b>Auto Ignition Temperature:</b>	272-480°C	<b>Means of Extinction:</b> Dry chemicals, carbon dioxide, foam
<b>Flashpoint and Method:</b>	>-18 °C	<b>Hazardous Combustion Products:</b> Hydrocarbon fumes, smoke,
<b>Flame Extension:</b>	> 45 cm <100 cm	Carbon dioxide, carbon monoxide
<b>Upper Flammable limit ( % vol)</b>	<b>15</b>	<b>Lower Flammable Limit ( % by volume)</b> 1
<b>Explosion Data:</b>	<b>Sensitivity to mechanical impact:</b> N/Av.	<b>Sensitivity to Static Discharge:</b> N/Av.

<b>Chemical Stability Yes/No:</b>	Yes	<b>If NO under which conditions?:</b>	N.Ap.
<b>Incompatibility to Other Substances Yes/No:</b>	Yes	<b>If so which ones?</b>	Strong oxidizing agents
<b>Reactivity and under what conditions?</b>	Heat, open flames, fire, hot surfaces		
<b>Hazardous Decomposition Products:</b>	Carbon monoxide, carbon dioxide & hydrocarbon fumes		

**N. Av.:** not available

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<b>SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT</b>				
Route of Entry: ALL Routes	--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION			
Effects of Acute Exposure:	Dizziness, nausea, dermatitis, weakness, narcosis, eye and skin irritation,pulmonary irritation.			
Effects of Chronic Exposure:	Solvents may cause 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:	N/E	
Sensitization of Product:	N/E	Toxicologically Synergistic Materials:	N/E	
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY			none known	
<b>SECTION VII-PREVENTIVE MEASURES</b>				
Personal Protective Equipment to be used:				
Gloves(specify):	Chemical resistant gloves	Eye(specify):	Safety Glasses	
Respiratory(specify):	organic vapour mask	Clothing:	Not required	
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			
Leak and Spill Procedure:	Use inert absorbents, use non sparking tools.			
Waste Disposal:	Aerosol cans to be disposed of at local recycling depots. Follow local government regulation.			
Storage Requirements:	Store at room temperature. Keep container closed. Keep away from heat, spark and open flame.			
Handling Procedures and	Handle with care, keep away form heat, source of ignition, open flame.			
Equipment:	Do not puncture or incinerate container. Keep away from children. Do not inhale or ingest.			
NPFA30B/CNFC 3.3.5	Level 2			
TDG Classification:	Consumer commodity			
WHMIS Classification:	Consumer commodity	Complies with CCCR 2001		
<b>SECTION VIII-FIRST AID MEASURES</b>				
Eye:	Flush with water for at least 15 minutes. Consult a physician immediately.			
Skin:	Remove contaminated clothing. Wash thoroughly with soap and water. See doctor if irritation persist.			
Inhalation:	Move patient to fresh air and restore breathing if requir			
Ingestion:	DO NOT INDUCE VOMITING, Seek medical help immediately.			
<b>SECTION IX-PREPARATION DATE OF M.S.D.S.</b>				
Additional Info/Comments:		Source used: Supplier's da		
Phone Number:	(905) 793-4311	Prepared By: Quality Control Laboratory		
Date Prepared:	January 2, 2015	Kleen-Flo Tumbler Industries Limited		
<b>THIS SHEET SUPERSEDES ANY OTHER M.S.D.S. PREVIOUSLY PREPARED</b>				
N/E: not established		N/Ap.: Not applicable		N. Av.: not available