

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	PWD	Stock No.	660
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/A (mixture)	Chemical Family:	Hydrocarbons
Chemical Formula:	N/A (mixture)	Trade Names & Synonyms:	PWD
Material Use:	Dewatering fluid (aerosol)	Molecular Weight:	N/A (mixture)

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Stoddard solvent	8052-41-3	10-30 %	5 g/kg rat-oral	5g/m3, rat inhl.
Mineral oil	64742-58-1	5-10 %	>2000 mg/kg rat-oral	N/Av.
Ethylene GLYCOL monobutyl	111--76-2	1-5 %	1746mg/kg (rat/oral)	450 ppm (4hr) rat-inh.
Propellant (Isobutane)	75-28-5	10-40 %	N/Ap	142,500 ppm/4 hr. Rat-inhl.
Propellant (propane)	74-98-6	7 - 13	>5000mg/kg dermal-rabbit	N/Av.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	Aerosol	Odour/Appearance:	Light amber, hydrocarbon odour
Specific Gravity:	0.8-0.83	Odour Threshold (p.p.m.):	N/E
Boiling Point:	45°C (Conc)	Evaporation Rate:	> 1
Freezing Point:	N/Av.	Solubility in Water:	None
% Volatile(by volume):	N/E	Vapour Pressure:	50-60 psig
Vapour Density(Air=1):	>1	Coefficient of Water/Oil Distribut:	N/E
pH	N/Av.		

SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability Yes/No	Yes	If yes under which conditions: Heat, open flame and spark
Auto Ignition Temperature:	N/E	Means of Extinction: Dry chemicals, carbon dioxide, foam
Flashpoint and Method:	-12 °C, Tag CC	Hazardous Combustion Products: Carbon dioxide, Carbon monoxide
Flame projection:	>45 cm < 100 cms	Hydrocarbon fumes, smoke
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?: N/A
Incompatibility to Other Substances Yes/No:	Yes	If so which ones? Strong oxidizing agents
Reactivity and under what conditions?	Excessive heat, Hot surfaces, open flame, fire, spark, source of ignition	
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, hydrocarbon fumes, smoke	

N/E: not established	N.Ap.: Not applicable	N/Av. : not available
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SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT				
Route of Entry: ALL Routes	--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION			
Effects of Acute Exposure:	May cause eye, skin irritation. Ingestion may cause dizziness, nausea, cough, pulmonary irritation, vomiting			
	Inhalation may cause respiratory tract irritation, propellant is simple asphyxiant.			
Effects of Chronic Exposure:	Prolong skin contact may cause defatting and dermatitis.			
LD 50 of Product:	N/E	LC 50 of Product:	N/E	
Exposure limits of products:	N/E			
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):	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:	Remove sources of ignition. Use an inert absorbent material and non-sparkling tools. Avoid breathing fumes			
	Ventilate area. Prevent product liquid from entering sewage drain.			
Waste Disposal:	Aerosol cans to be disposed of at local recycling depots or follow local government regulation.			
Storage Requirements:	Keep container closed when not in use. Store at room temperature below 48.9°C			
NFPA 30B	Level 2			
Handling Procedures and	Handle with care, keep away from heat, source of ignition, open flame.			
Equipment:	Do not puncture or incinerate container. Keep away from children. Do not inhale or ingest.			
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. 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 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:		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/E: not established		N.Ap.: Not applicable		N/Av. : not available