

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Garage Floor Kleen	Stock No.	1200
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 (Blended product)	Chemical Family:	N/Ap (Mixture)
Chemical Formula:	N/Ap (Blended product)	Trade Names & Synonyms:	Garage Floor Kleen
Material Use:	Cleaner	Molecular Weight:	

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate % Concentration	LD50 Species & Route	LC50 Species & Route
Sodium Metasilicate	6834-92-0	30 -60	1153mg/kg rat-oral	N/Av.
Sodium Carbonate	497-19-8	30 - 60	4090 mg/kg rat-oral	N/Av.
Sodium dodecylbenzene sulfonate	25155-30-0	1 - 5	N/Av.	N/Av.
Alcohol Ethoxylate	68131-39-5	1-5	>2000 mg/kg rat-oral	N/Av.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	Granular powder	Odour/Appearance:	mild pine fragrance/ red & orange powder
Bulk Density	1.06 g/cc	Odour Threshold(p.p.m.):	N/E
Boiling Point:	N/Av.	Evaporation Rate:	None
Freezing Point:	N/Av.	Solubility in Water:	100%
% Volatile(by volume):	N/E	Vapour Pressure(mm)Hg:	N/Av.
Vapour Density(Air=1):	N/E	Coefficient of Water/Oil Distribut:	N/E
pH (10% aqueous)	13.2		

SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability Yes/No	No	If yes under which conditions?:	
Auto Ignition Temperature:	None	Means of Extinction:	Dry chemical; C02 Foam
Flashpoint and Method:	None	Hazardous Combustion Products:	None
Upper Flammable limit (%vol)	N/E	Lower Flammable Limit (% by volume):	N/E
Explosion Data:	Sensitivity of 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, acids
Reactivity and under what conditions?	Dangerous reaction with oxidizers, acids. In the presence of moisture, reacts with zinc, aluminum & tin evolving hydrogen, a flammable gas.		

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:	Corrosive, may cause irritation, burns to eye, skin, respiratory passage, mouth , throat and stomach. May cause nausea, vomiting, diarrhea. Harmful or fatal if swallowed.		
Effects of Chronic Exposure:	No chronic effect known.		
Exposure limits of product:	N/E		
Sensitization of Product:	N/E	Toxicologically Synergistic Materials:	N/Av.
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY			None Known

SECTION VII-PREVENTIVE MEASURES

Personal Protective Equipment to be used:

Gloves(specify):	Impervious gloves	Eye(specify:)	Safety Goggles or safety glasses with side shields.
Respiratory(specify):	Dust or mist respirator	Clothing:	Apron, Coverall, impervious clothing
Respiratory Protection:	If used indoors or on a continuous basis, use of NIOSH approved dust or mist respirator is recommended		
Engineering Controls:	Local, mechanical ventilation		
Leak and Spill Procedure:	Contain and collect spilled material. Avoid raising dust. Flush area with water to remove trace residue. Neutralize contaminated area and flush with plenty of water.		
Waste Disposal:	Dispose according to local, provincial or federal govt. regulations.		
Storage Requirements:	Hygroscopic powder. May absorb water from air. Keep lid closed when not in use. Store below 50 °C Do not store in aluminum, fibreglass, copper, brass, zinc or galvanized container.		
Handling Procedures and	Keep lid closed when not in use. Keep away from children.		
Equipment:	Avoid contact with skin and eyes. Do not inhale dust or mist. DO NOT INGEST.		
DSL listing	All components are listed in the inventory.		
TDG Classification	Corrosive Solid, n.o.s (Sodium Metasilicate Mixture) UN 1759 Class-8 Pkg. Gr. III		
Whmis Classification	Class E		

SECTION VIII-FIRST AID MEASURES

Eye:	Flush immediately with water for at least 15 minutes. Get immediate medical help.
Skin:	Remove contaminated clothes. Wash with soap and water. If rash persists, seek medical help.
Inhalation:	Remove to fresh air. Restore breathing if required. See doctor if discomfort persist.
Ingestion:	Seek immediate medical attention. DO NOT INDUCE VOMITNG. Rinse mouth with a glass of water.

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

Additional Info/Comments:	Sources Used: Handbook of Poisoning By: R.H Dreisbach
Phone Number:	(905) 793-4311 Prepared By: Quality Control Laboratory
DatePrepared:	Janauary 2, 2015. Kleen-Flo Tumbler Industries Limited

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