

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Armashell Metal Polish	Stock No.	280
Manufacturer's Name:	Kleen-Flo Tumbler Industries Ltd	Street Address:	75 Advance Blvd.
City:	Brampton	Province:	Ontario
Postal Code:	L6T 4N1	Emergency Phone #:	(905) 793-4311
Chemical Name:	N.Ap (mixture)	Chemical Family:	N/Av. (Mixture)
Chemical Formula:	N.Ap (mixture)	Trade Names & Synonyms:	None
Material Use:	Cleaner/Polish	Molecular Weight:	N.Ap (Mixture)

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Hydrotreated Light Distillate	64742-47-8	15 - 40 %	>5000 mg/kg rat-oral	1400ppm (4hr) rat-inh.
Ethylene Glycol Monobutyl ether	111-76-2	1 - 5 %	1746 mg/kg rat-oral	450 ppm (4hr) rat-inh.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	Semi viscous liquid	Odour/Appearance:	Off white liquid with solvent odor
Specific Gravity:	1.06 -1.11	Odour Threshold(p.p.m.):	N/E
Boiling Point:	N/E	Evaporation Rate:	<1
Freezing Point:	< 0°C	Solubility in Water:	Partly miscible
% Volatile	N/E	Vapour Pressure(mm)Hg:	N/E
Vapour Density(Air=1):	>1	Coefficient of Water/Oil Distribut:	N/E
pH:	7.8 - 8.5		

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, CO2 Foam, Water
Flashpoint and Method:	None	Hazardous Combustion Products:	N/E
Upper Flammable limit (%vol)	N/E	Lower Flammable Limit (% by volume):	N/E
Explosion Data:	Sensitivity to Mechanical Impact: No	Sensitivity to Static Discharge:	N/A

SECTION V-REACTIVITY DATA

Chemical Stability Yes/No:	Yes	If NO under which conditions?	
Incompatibility to Other Substances Yes/No:	Yes	If so which ones?	Strong Acid and Oxidizers
Reactivity and under what conditions?	Open flames, fire, hot surfaces.		
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide		
N/E: not established	N.Ap.:not applicable	N/Av.: not available	

Material Name/Identifier: Armashell Metal Polish		Stock No. 280	PAGE 2
SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT			
Route of Entry:	--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION		
Effects of Acute Exposure:	Headache,vomiting, dizziness,nausea,dermatitis, local irritation,corrosion of the mouth, esophagus and stomach.		
Effects of Chronic Exposure:	None known		
LD 50 of Product:	N/E	LC 50 of Product:	N/E
Irritancy of Product:	Eyes and skin irritant	Exposure Limits of Product:	N/E
Sensitization of Product:	N/E	Toxicologically Synergistic Materials:	N/E
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY: Not known			
SECTION VII-PREVENTIVE MEASURES			
Personal Protective Equipment to be used:			
Gloves(specify):	rubber, nitrile or chemical resistance gloves	Eye (specify):	Safety Glasses
Respiratory(specify):	Niosh approved mask if fumes are exessive	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 exhaust and general mechanical ventilation.		
Leak and Spill Procedure:	Absorb with inert absorbents.		
Waste Disposal:	Standard methods approved in your region.		
Storage Requirements:	Store at room temperature. Keep closed when not in use.		
Handling Procedures and	Handle with care. Eye irritant. Avoid contact with eyes. Do not inhale or ingest.		
Equipment:	Keep out of reach of children. Keep container closed when not in use. No special equipment is required.		
TDG Classification:	Non regulated.		
WHMIS Classification:	Non regulated.		
SECTION VIII-FIRST AID MEASURES			
Eye:	Wash with water for at least 15 minutes. Consult a physician immediately.		
Skin:	Wash with soap and water. Seek medical help if irritation persist.		
Inhalation	Move patient to fresh air and restore breathing if required. See doctor if discomfort persist.		
Ingestion:	DO NOT INDUCE VOMITING. Drink 1 or 2 glass of water, rinse mouth thoroughly,. 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