

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Rub'n Dri Waterless Hand Cleaner	Stock No.	551/554/557
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	Chemical Family:	Mixture
Chemical Formula:	N/Ap (Mixture)	Trade Names & Synonyms:	RUB'N DRI
Material Use:	Hand Cleaner	Molecular Weight:	N/Ap.

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Nonionic surfactant	34398-01-1	1 -5 %	N/Av.	N/Av.
Hydrotreated middle Distillate	64742-46-7	30 -60%	N/Av.	N/Av.
Stoddard solvent	8052-41-3	3 -7 %	>5gm/kg rat -oral	>5gm/m3 rat -inhal
Sodium Hydroxide	1310 - 73 -2	1 - 5 %	500mg/kg Rabbit -oral	N/Av.
Propylene Glycol	57-55-6	1 - 5 %	N/Av.	N/Av.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	white gel	Odour/Appearance:	Mild characteristic odour/ /white gel
Specific Gravity:	1.06	Odour Threshold(p.p.m.):	N/E
Boiling Point:	N/Av.	Evaporation Rate:	N/Av.
Freezing Point:	N/E	Solubility in Water:	100%
% Volatile(by volume):	N/Av.	Vapour Pressure(mm)Hg:	N/E
Vapour Density(Air=1):	N/Av.	Coefficient of Water/Oil Distribut:	N/E
pH:	8.5 - 9.5		

SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability Yes/No	No	If yes under which conditions:	N.Ap.
Auto Ignition Temperature:	N/E	Means of Extinction:	Foam, dry chemical, waterspray
Flashpoint and Method:	49 oC PM CCT	Hazardour Combustion Products:	Carbon monoxide, carbon dioxide and black fumes.
Upper Flammable limit (% vol)	N/E	Lower Flammable Limit (% by volume):	N/E
Explosion Data:	Sensitivity to 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 oxidizing agents, acids
Reactivity and under what conditions?	With concentrated inorganic acids and peroxides.		
Hazardous Decomposition Products:	Only in fire: Carbon monoxide, carbon dioxide		

N/E: not established

N.Ap.:not applicable

N/Av.: not available

SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry:	Eye contact & ingestion		
Effects of Acute Exposure:	If ingested, it may cause gastrointestinal irritation,nausea, vomiting, cough and pulomony irritation.		
	Eye contact may cause some irritation.		
Effects of Acute Exposure:	None known	Skin contact is non-irritating under normal use.	
Effect of chronic exposure	None		
LD 50 of Product:	N/E	LC 50 of Product:	N/E
Irritancy of Product:	Eye irritant	Exposure Limits of Product:	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):	Not required during normal use	Eye (specify):	Not Required
Respiratory(specify):	Not required during normal use	Clothing:	Not Required
Respiratory Protection:	Not required during normal use		
Engineering Controls:	Local or mechanical ventilation recommended.		
Leak and Spill Procedure:	Collect large spills with shovel and flush the area with plenty of water.		
Waste Disposal:	Standard methods approved in your area by government bodies.		
Storage Requirements:	Store below 49°C. Do not freeze.		
Handling Procedures and	Keep container closed when not in use. Handle with care. Keep away from children.		
TDG Classification:	Not regulated		
WHMIS Classification:	Non-controlled		

SECTION VIII-FIRST AID MEASURES

Eye:	Rinse thoroughly with water for 15 minutes. Consult physician if irritation persists.
Skin:	Wash with plenty water. Consult physician if irritation persist.
Inhalation	No adverse effects anticipated under normal use.
Ingestion:	DO NOT INDUCE VOMITING. Give a glass of water. Seek immediate medical help.

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

Additional Info/Comments:		Sources Used:	Supplier Data
Phone Number:	(905) 793-4311	Prepared By: Quality Control Laboratory	
Date Prepared:	January 16, 2012	Kleen-Flo Tumbler Industries Limited	

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

N/Av.: not available

N/Ap.: Not applicable

N/E: not established