

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	RUSTKLEEN	Stock No.	460
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. (mixture)	Chemical Family:	Asphalt liquid
Chemical Formula:	N/Ap. (mixture)	Trade Names & Synonyms:	RUSTKLEEN
Material Use:	Car body undercoat	Molecular Weight:	N/Ap. (mixture)

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Aliphatic naphtha	64742-49-0	3 - 7	24000mg/kg rat-oral	14000-16000ppm (4hr) rat-inh.
Stoddard solvent	8052-41-3	1- 5	5 g/kg rat-oral	5 g/m3 rat-inh.
Bituman&Solvent	64742-93-4/8052-41-38	30-60	N/Av.	3000 ppm rat
Methylene chloride	75-09-2	15 - 40	2100mg/kg rat-oral	88000 mg/m3 (1/2hr) rat-inh.
Propane	74-98-6	10-30	>5000mg/kg dermal-rabbit	N/Av.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	aerosol	Odour/Appearance:	chlorinated hydrocarbon odor/black
Specific Gravity:	1.04	Odour Threshold(p.p.m.):	N/Av.
Boiling Point:	40 - 118°C	Evaporation Rate:	>1
Freezing Point:	N/E	Solubility in Water:	none
% Volatile(by volume):	72-73	Vapour Pressure:	60-70 psig
Vapour Density(Air=1):	> 1	Coefficient of Water/Oil Distribut:	N/Av.
pH	N/Ap.		

SECTION IV-FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability Yes/No	Yes, Extremely flammable	If yes under which conditions: excessive heat,sparks, open flame
Auto Ignition Temperature:	254°C	Means of Extinction: dry chemical, foam, carbon dioxide
Flashpoint and Method:	>-18°C , Tag CC	Hazardous Combustion Products: Possible Phosgene, Chlorine, Hydrogen Chloride
		Hydrocarbon fumes, smoke and carbon monoxide where combustion is incomplete.
Upper Flammable limit (% vol)	, 22	Lower Flammable Limit(% by volume): 1.0
Explosion Data:	Sensitivity to Mech. Impact: N. Ap	Sensitivity to Static Discharge: N.Ap.

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? Inorganic conc.acids, peroxides, Strong Oxidizers
Reactivity and under what conditions?	Hot surfaces, open flames, fire.	
Hazardous Decomposition Products:	carbon monoxide, carbon dioxide, hydrochloric acid, phosgene.	

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:	Nausea, dizziness, paleness, weakness, eye and skin irritation. Over exposure of methylene chloride may lead to central nervous system depression and cardiac sensitization.		
Effects of Chronic Exposure:	Methylene chloride overexposure may have central nervous system effects. Inhalation of dichloromethane vapour in high concentrations may have carcinogenic effects.		
LD 50 of Product:	N/E	LC 50 of Product:	N/E
Irritancy of Product:	Eye & 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

Methylene chloride has been listed as potential carcinogenic by IARC.

SECTION VII-PREVENTIVE MEASURES

Personal Protective Equipment to be used:

Gloves(specify):	Chemical resistant gloves	Eye(specify):	Safety Goggles
Respiratory(specify):	NIOSH approved organic vapor 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 or mechanical ventilation required.		
Leak and Spill Procedure:	Remove all sources of ignition. Use inert absorbent with non-sparking tools. Avoid inhalation. Ventilate area. Prevent from entering sewer / water systems.		
Waste Disposal:	Standard methods as approved in your region.	Aerosol cans may be disposed of at local recycling depot	
Storage Requirements:	Store below temperature below 48.9°C. Keep container closed when not in use. Aerosol can may explode if heated above 49°C .		
Handling Procedures and	Do not puncture or incinerate container. Handle with care. Keep away from children.		
Equipment:	Do not spray on hot surface.		
DSL listing	All component are listed in the inventory.		
NFPA30B/CNFC 3.3.5	Level 2		
TDG Classification:	Consumer Commodity		
WHMIS Classification:	Consumer Commodity	Complies with CCCR 2001	

SECTION VIII-FIRST AID MEASURES

Eye:	Flush thoroughly with clear water for at least 15 minutes. Consult a physician immediately.
Skin:	Remove contaminated clothing. Wash with soap and water. Consult doctor if irritation, rashes persist.
Inhalation:	Move patient to fresh air and restore breathing if required seek medical help if discomfort persist.
Ingestion:	DO NOT INDUCE VOMITING seek medical attention immediately.

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

Additional Info/Comments:	Source 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