

SECTION I-MATERIAL IDENTIFICATION AND USE

Material Name/Identifier:	Honey Goo XXX Penetrant	Stock No.	805
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:	Hydrocarbons
Chemical Formula:	N.Ap. (mixture)	Trade Names & Synonyms:	none
Material Use:	lubricant & rust inhibitor	Molecular Weight:	N/Av. (mixture)

SECTION II-HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	C.A.S.	Approximate Concentration	LD50 Species & Route	LC50 Species & Route
Kerosene(Hydrosulfurized)	64742-81-0	10 -30%	5000 mg/kg Rat-Oral	>5000mg/m3 (4 hr) rat-inhal.
Naphthenic Oil	64742-52-5	40 - 70 %	N/Av.	N/Av.
Ethyl Acetate	141-78-6	1-5%	6100 mg/kg Rat-Oral	2263 ppm (4hr) Rat-inhal.
Zinc alkyldithiophosphate	68649-42-3	0.1-1%	N/Av.	N/Av.

SECTION III-PHYSICAL DATA FOR MATERIAL

Physical State:	Liquid	Odour/Appearance:	Dark amber liquid with characteristic odour
Specific Gravity(Liquid)	0.88-0.89	Odour Threshold (p.p.m.):	N/E
Boiling Point. (Conc.)	75°C (Ethyl Acetate)	Evaporation Rate:	>1
Freezing Point:	N/Av.	Solubility in Water:	Negligible
% Volatile(by volume):	>95	Vapour Pressure:	N/Av.
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: Open flame, spark, heat
Auto Ignition Temperature:	229°C (Base on Kerosene)	Means of Extinction: Dry chemicals, carbon dioxide, foam
Flashpoint and Method:	30°C, PM C.C	Hazardous Combustion Products: Hydrocarbon fumes smoke and Carbon monoxide where combustion incomplete.
Upper Flammable limit, %vol	10.7	Lower Flammable Limit (% by volume): 2
Explosion Data:	Sensitivity to mechanical impact: N/Ap	Sensitivity to Static Discharge: N/Av.

SECTION V-REACTIVITY DATA

Chemical Stability Yes/No:	Yes	If NO under which conditions?: N/Av.
Incompatibility to Other Substances Yes/No:	Yes	If so which ones? strong oxidizer
Reactivity and under what conditions?	Hot surfaces, open flame, fire	
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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<u>SECTION VI-TOXICOLOGICAL PROPERTIES OF PRODUCT</u>				
Route of Entry: ALL Routes	--SKIN CONTACT --SKIN ABSORPTION --EYE CONTACT --INHALATION --INGESTION			
Effects of Acute Exposure:	May cause skin and eye irritation. Inhalation may cause respiratory tract irritation, headache, nausea, Solvent may cause defatting dermatitis.			
Effects of Chronic Exposure:	Lifetime skin painting test indicate that material of similar composition have produced skin cancer in expermental animal. Relationship of these result to human has not been fully established.			
LD 50 of Product:	N/E	LC 50 of Product:	N/E	
Irritancy of Product:	Skin & Eye irritant			
Exposure limits of products:	N/E		N/E	
Sensitization of Product:	None known	Toxicologically Synergistic Material	none known	
--CARCINOGENICITY --REPRODUCTIVE EFFECTS --TERATOGENICITY --MUTAGENICITY none known				
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 required			
Leak and Spill Procedure:	Remove all sources of ignition. Use inert absorbent material, non-sparking tools. Avoid breathing fumes. Ventilate area. Prevent from entering a waterway.			
Waste Disposal:	Disposed of according in compliance with local or federal regulation.			
Storage Requirements:	Keep container closed when not in use. Store at room temperature below 48.9°C			
Handling Procedures and	Handle with care. Keep away from children. Do not inhale or ingest.			
Equipment:				
DSL listing	All components are listed.			
TDG Classification:	Consumer commodity			
WHMIS Classification:	Consumer commodity	Complies with CCCR 2001		
<u>SECTION VIII-FIRST AID MEASURES</u>				
Eye:	Flush with water for at least 15 minutes. Seek medical help immediately if irritation persists.			
Skin:	Flush immediately and thoroughly with soap and water. Contact doctor if rash, irritation persist.			
Inhalation	Move patient to fresh air and restore breathing if required. See doctor if discomfort persist.			
Ingestion:	DO NOT INDUCE VOMITING. Seek immediate medical attention.			
<u>SECTION IX-PREPARATION DATE OF M.S.D.S.</u>				
Additional Info/Comments:		Sources Used: Supplier's 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/E: not established	N.Ap.: Not applicable		N. Av.: not available	