

MATERIAL SAFETY DATA SHEET

***** SECTION I *****

MANUFACTURER NAME

Mullen Circle Brand, Inc.
3514 West Touhy Avenue
Lincolnwood, Illinois 60712

PHONE NUMBER

847/676-1880

EMERGENCY CONTACT:

800/535-5053

REVISION DATE 1/07

PRODUCT:

CHEMICAL FAMILY Petroleum Oil

Saver Chain & Cable Fluid

***** SECTION II - HAZARDOUS INGREDIENTS *****

INGREDIENT**PERCENT****TLV/PEL/STEL**

CAS# 79-01-6	1.0%+	ACGIH 50 ppm 8 Hr TWA 100 ppm STEL OSHA 50 ppm PEL TWA 200 ppm STEL
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Petroleum Oil	1.0%+	5 mg/Cubic Meter (Mist)
(Hazardous Only If Misted)		

STEL = Short Term Exposure Limit

D.O.T. SHIPPING CLASSIFICATION (49CFR172): Trichloroethylene, UN1710

***** SECTION III - PHYSICAL DATA *****

APPEARANCE & ODOR	: Amber Fluid; Mild Ether Odor
SPECIFIC GRAVITY, 60 F	: 1.1
BOILING POINT, F	: 189
MELTING POINT, F	: Not Applicable
VAPOR DENSITY	: Heavier Than Air
SOLUBILITY IN WATER	: None
VOLATILES, VOL %	: 50% Maximum
EVAPORATION RATE	: Solvent Portion Faster Than Water; Does Not Evaporate Completely

***** SECTION IV - FIRE & EXPLOSION DATA *****

FLASH POINT, F (METHOD)	: 390
FLAMMABLE LIMITS	: Not Determined
EXTINGUISHING MEDIA	: Foam, CO2, Dry Chemicals, Water Fog Or Mist
FIRE FIGHTING PROCEDURES:	Keep Exposed Containers Cool. Fire Fighters Should Wear Self-Contained Breathing Apparatus.

***** SECTION V - HEALTH HAZARD DATA *****

EFFECTS OF OVEREXPOSURE:

Eyes: Liquid And Vapor May Cause Pain & Slight Irritation. Corneal Damage Is Unlikely.
Skin: Prolonged Or Repeated Exposure May Cause Irritation. People With Pre-Existing Skin Disorders May Be susceptible To These Effects. Extended Immersion May Cause Numbness Due To Skin Absorption.
Inhalation/Ingestion: Mouth & GI Tract Irritation. Central Nervous System Depressant. Respiratory System Irritation. Dizziness, Nausea, Loss Of Coordination. Aspiration Hazard. Death Is Possible Following Acute Overexposure In Confined Areas.

Prolonged Exposure Above the TLV (Sec II) may complicate existing liver & kidney diseases.

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EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush Immediately With Cool, Clean Water For 15 Minutes, Or Until Irritation Subsides.

INGESTION: Aspiration Hazard - Do Not Induce Vomiting. Seek Immediate Medical Attention.

SKIN: Remove By Wiping. Wash With Mild Soap And Water.

INHALATION: Remove To Fresh Air. If Breathing Is Stopped, Start Artificial Respiration. Never Give Anything By Mouth To An Unconscious Person. Wash Clothing Thoroughly Before Reuse. If Irritation Develops Or Persists, See A Physician.

******* SECTION VI - REACTIVITY DATA *******

CONDITIONS TO AVOID : Storage Over 100 F
INCOMPATIBILITY : Oxidizing & Reducing Agents
DECOMPOSITION PRODUCTS : Oxides Of Carbon, Nitrogen. Hydrogen Chloride, Traces Of Phosgene
HAZARDOUS POLYMERIZATION : Will Not Occur

******* SECTION VII - SPILL AND LEAK PROCEDURES *******

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Absorb Spill On Inert Solid. Prevent Sewer, Drain, And Waterway Contamination.

WASTE DISPOSAL METHOD:

Dispose Of In Accordance With Federal, State, And Local Regulations.

******* SECTION VIII - SPECIAL PROTECTION INFORMATION *******

RESPIRATORY PROTECTION : NIOSH Approved Organic Vapor Type At High Vapor Levels.
VENTILATION : Keep Vapor Levels Below TLV (SEC. II)
PROTECTIVE GLOVES : Rubber
EYE PROTECTION : Goggles
OTHER PROTECTIVE EQUIPMENT : Apron, Eye Wash

******* SECTION IX – U.S. REGULATORY INFORMATION *******

SARA Section 302 – Threshold Planning Quantity : None

SARA Title III – Section 311/312

Immediate/Acute Health Effects : Yes
Fire Hazard : No
Delayed/Chronic Health Effects : Yes
Reactivity Hazard : Yes
Sudden Release Of Pressure Hazard : No

Chemical Release Reporting:

SARA Section 313 : Trichloroethylene; Present @ <30%
CERCLA : Trichloroethylene; Present @ <30%

TSCA Inventory: All Product Ingredients Are Listed On The Chemical Inventory.

Carcinogens: Listed As A Suspect Carcinogen By NTP. Listed By IARC As A Group 2A Carcinogen.

******* SECTION X - SPECIAL PRECAUTIONS *******

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store In A Cool, Dry Area. Avoid Ignition Sources. Keep Container Closed When Not In Use.

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OTHER PRECAUTIONS:

After the container has been emptied, it may contain hazardous residues. Avoid sparks and open flame. Do not cut, puncture, or weld on or near the container. Do not reuse the container for any purpose until properly reconditioned.

The above mentioned information is believed to be correct as of the date hereof. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of these data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume responsibility for the results of its use. This information is furnished on the condition the person receiving it shall make his own determination as to the suitability of the material for his particular use and on the condition he assume the risk of his use thereof.

HMIS HAZARD CLASS:

Health	1 (Slight)
Fire	1 (Slight)
Reactivity	0 (Least)
Personal Protection	B