



# MATERIAL SAFETY DATA SHEET

## Motor Flush 15 fl. oz.

CYCLO INDUSTRIES, INC.  
401 MAPLEWOOD DRIVE  
SUITE 18  
JUPITER, FL 33458



Revision: 04/28/2010

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### 1. Product and Company Identification

**Product Code:** C-19  
**Product Name:** Motor Flush 15 fl. oz.  
**Manufacturer Information**  
**Company Name:** CYCLO INDUSTRIES, INC.  
**Phone Number:** (800)843-7813  
**Fax Number:** (561)745-3867  
**Emergency Contact:** First Aid Emergency (800)222-1222  
**Alternate Emergency Contact:** Shipping Emergency (Chemtrec) (800)424-9300  
**Information:** Emergency (Outside the U.S.) (312)906-6194  
**Web site address:** www.cyclo.com  
**Email address:** ehs@cyclo.com

### 2. Hazards Identification

#### Emergency Overview

Inhalation: irritation of nose and throat, dizziness.  
 Skin Contact: dermatitis.  
 Eyes: irritation.  
 Ingestion: nausea, vomiting.  
 Large amounts, if retained, lead to symptoms of central nervous system depression.

#### Health Hazards (Acute and Chronic)

No data available.

#### Signs and Symptoms Of Exposure

No data available.

#### Medical Conditions Generally Aggravated By Exposure

Preexisting eye, skin and respiratory disorders.

### 3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Stoddard solvent	8052-41-3	<100.0 %
2. 1,2,4-Trimethylbenzene	95-63-6	< 3.0 %
3. Proprietary Mixture	NA	< 3.0 %

### 4. First Aid Measures

#### Emergency and First Aid Procedures

If swallowed, do not induce vomiting. Vomiting may cause aspiration into the lungs resulting in chemical pneumonia. If inhaled, remove victim to fresh air. In case of eye contact, immediately flush with large quantities of water for at least 15 minutes. In case of skin contact, remove excess with cloth or paper. Wash thoroughly with soap and water. Call physician immediately if adverse reaction occurs.

### 5. Fire Fighting Measures

**Flash Pt:** 110.00 F (43.3 C) Method Used: TAG Closed Cup  
**Explosive Limits:** LEL: 1 UEL: 7  
**Special Fire Fighting Procedures**

Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire. Do not use water except as fog.



**Unusual Fire and Explosion Hazards**

Do not cut, weld, braze, solder, drill, grind or expose containers, drums, tanks, etc. of product to heat, flame, sparks, static electricity or other sources of ignition; they may ignite explosively.

**Suitable Extinguishing Media**

Dry chemical, water fog, CO2 or foam.

**Unsuitable Extinguishing Media**

No data available.

**6. Accidental Release Measures**

**Steps To Be Taken In Case Material Is Released Or Spilled**

Avoid all ignition sources such as flames and sparks. Ensure good ventilation. If volume is significant, transfer into containers for disposal. Seal containers tightly. Absorb on an inert ingredient such as earth, sand or vermiculite. Sweep up and dispose of according to federal, state and local regulations.

**7. Handling and Storage**

**Precautions To Be Taken in Handling**

Avoid all ignition sources such as flames and sparks. Do not handle or store at temperatures over 100 degrees F. Keep out of the reach of children.

**Precautions To Be Taken in Storing**

Do not handle or store at temperatures over 100 degrees F.

**8. Exposure Controls/Personal Protection**

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. Stoddard solvent	8052-41-3	500 ppm	100 ppm	No data.
2. 1,2,4-Trimethylbenzene	95-63-6	No data.	No data.	No data.
3. Proprietary Mixture	NA	No data.	No data.	No data.

**Respiratory Equipment (Specify Type)**

Use NIOSH/MSHA

**Eye Protection**

Chemical safety goggles.

**Protective Gloves**

Neoprene type.

**Ventilation**

Local ventilation if necessary to maintain allowable PEL or TLV.

**9. Physical and Chemical Properties**

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid	
<b>Melting Point:</b>	No data.	
<b>Boiling Point:</b>	> 310.00 F (154.4 C)	
<b>Autoignition Pt:</b>	No data.	
<b>Flash Pt:</b>	110.00 F (43.3 C)	Method Used: TAG Closed Cup
<b>Explosive Limits:</b>	LEL: 1	UEL: 7
<b>Specific Gravity (Water = 1):</b>	.77	
<b>Bulk density:</b>	No data.	
<b>Vapor Pressure (vs. Air or mm Hg):</b>	.62	
<b>Vapor Density (vs. Air = 1):</b>	4.85	
<b>Evaporation Rate (vs Butyl Acetate=1):</b>	.2	
<b>Solubility in Water:</b>	0 at 20C	



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**Percent Volatile:** No data.  
**Viscosity:** < 100  
**Heat Value:** No data.  
**Particle Size:** No data.  
**Corrosion Rate:** No data.  
**pH:** No data.

### Appearance and Odor

Low viscosity, colorless liquid with mild petroleum odor.

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

### Conditions To Avoid - Instability

Stable under normal conditions.

### Incompatibility - Materials To Avoid

Strong oxidizers such as hydrogen peroxide, bromine and chromic acid.

### Hazardous Decomposition Or Byproducts

Carbon monoxide and carbon dioxide from burning.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

### Conditions To Avoid - Hazardous Reactions

No data available.

## 11. Toxicological Information

No data available.

### Carcinogenicity/Other Information

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Stoddard solvent	8052-41-3	n.a.	n.a.	n.a.	n.a.
2. 1,2,4-Trimethylbenzene	95-63-6	n.a.	n.a.	n.a.	n.a.
3. Proprietary Mixture	NA	n.a.	n.a.	n.a.	n.a.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

## 12. Ecological Information

No data available.

## 13. Disposal Considerations

### Waste Disposal Method

Disposal should be made in accordance with federal, state and local regulations.

## 14. Transport Information

### LAND TRANSPORT (US DOT)

**DOT Proper Shipping Name:** ORM-D  
**DOT Hazard Label:** CLASS 9  
**DOT Hazard Class:** 9

### MARINE TRANSPORT (IMDG/IMO)

**IMDG/IMO Proper Shipping Name:** Stoddard Solvent - Combustible Liquid  
**UN Number:** 1268  
**Packing Group:** III

## 15. Regulatory Information

### US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Stoddard solvent	8052-41-3	No	No	No	No
2. 1,2,4-Trimethylbenzene	95-63-6	No	No	Yes	No
3. Proprietary Mixture	NA	No	No	No	No

### Other US EPA or State Lists

Hazardous Components (Chemical Name)	CAS #	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.65
1. Stoddard solvent	8052-41-3	No	No	Inventory	No
2. 1,2,4-Trimethylbenzene	95-63-6	No	No	Inventory, 4 Test	No
3. Proprietary Mixture	NA	No	No	No	No

Hazardous Components (Chemical Name)	CAS #	CA TAC, Title 8	MA Oil/HazMat	MI CMR, Part 5	NC TAP
1. Stoddard solvent	8052-41-3	Title 8	No	No	No
2. 1,2,4-Trimethylbenzene	95-63-6	TAC	Yes	No	No
3. Proprietary Mixture	NA	No	No	No	No

Hazardous Components (Chemical Name)	CAS #	NJ EHS	NY Part 597	PA HSL	SC TAP
1. Stoddard solvent	8052-41-3	1736	No	Yes - 1	No
2. 1,2,4-Trimethylbenzene	95-63-6	2716	No	Yes - E	No
3. Proprietary Mixture	NA	No	No	Yes - No	No

Hazardous Components (Chemical Name)	CAS #	WI Air
1. Stoddard solvent	8052-41-3	Yes
2. 1,2,4-Trimethylbenzene	95-63-6	No
3. Proprietary Mixture	NA	No

### International Regulatory Lists

Hazardous Components (Chemical Name)	CAS #	Canadian DSL	Canadian NDSL	Taiwan TCSCA
1. Stoddard solvent	8052-41-3	No	No	No
2. 1,2,4-Trimethylbenzene	95-63-6	No	No	No
3. Proprietary Mixture	NA	No	No	No

### SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

- Sec.302:** EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. \* indicates 10000 LB TPQ if not volatile.
- Sec.304:** EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. \*\* indicates statutory RQ.
- Sec.313:** EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
- Sec.110:** EPA SARA 110 Superfund Site Priority Contaminant List

### TSCA (Toxic Substances Control Act) Lists:

- Inventory:** Chemical Listed in the TSCA Inventory.
- 5A(2):** Chemical Subject to Significant New Rules (SNURS)
- 6A:** Commercial Chemical Control Rules
- 8A:** Toxic Substances Subject To Information Rules on Production
- 8A CAIR:** Comprehensive Assessment Information Rules - (CAIR)
- 8A PAIR:** Preliminary Assessment Information Rules - (PAIR)
- 8C:** Records of Allegations of Significant Adverse Reactions
- 8D:** Health and Safety Data Reporting Rules
- 8D TERM:** Health and Safety Data Reporting Rule Terminations
- 12(b):** Notice of Export

### Other Important Lists:



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<b>CWA NPDES:</b>	EPA Clean Water Act NPDES Permit Chemical
<b>CAA HAP:</b>	EPA Clean Air Act Hazardous Air Pollutant
<b>CAA ODC:</b>	EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
<b>CA PROP 65:</b>	California Proposition 65
<b>CA TAC:</b>	California AB 1807 - Toxic Air Contaminants
<b>CA Title 8:</b>	California Hazardous Substances List: Title 8, Sec. 339
<b>MI CMR:</b>	Michigan Critical Materials Register
<b>MI Part 5:</b>	Michigan DEQ WRP Part 5 Pollutants List
<b>NC TAP:</b>	North Carolina Toxic Air Pollutants
<b>NJ EHS:</b>	New Jersey Environmental Hazardous Substances List
<b>NY Part 597:</b>	New York Part 597 List of Hazardous Substances
<b>PA HSL:</b>	Pennsylvania Hazardous Substances List
<b>SC TAP:</b>	South Carolina Toxic Air Pollutants
<b>WI Air:</b>	Wisconsin Reportable Air Contaminants

### International Regulatory Lists:

<b>Canadian DSL:</b>	Canada Domestic Substances List
<b>Canadian NDSL:</b>	Canada Non-Domestic Substances List
<b>Taiwan TCSCA:</b>	Taiwan Toxic Chemical Substances Control Act of 1986

## 16. Other Information

### Company Policy or Disclaimer

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