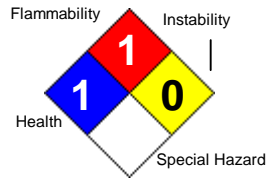




# MATERIAL SAFETY DATA SHEET

## Engine Stop Leak

CYCLO INDUSTRIES, INC.  
902 SOUTH US HIGHWAY 1  
JUPITER, FL 33477



Revision: 01/30/2012  
Supersedes Revision: 10/20/2010  
Date Created: 10/20/2010

### 1. Product and Company Identification

**Product Code:** C-89

**Product Name:** Engine Stop Leak

**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:** Chemtrec (703) 527-3887 (800)424-9300

**Information:** First Aid Emergency (Outside U.S.) (312)906-6194

**Web site address:** www.cyclo.com

**Email address:** ehs@cyclo.com

### 2. Hazards Identification

#### Emergency Overview

DANGER: Combustible. Eye & skin irritant.

#### Potential Health Effects (Acute and Chronic)

Chronic: Irritation of eyes, nose and throat, dizziness and dermatitis.

#### Signs and Symptoms Of Exposure

No data available.

#### Medical Conditions Generally Aggravated By Exposure

No data available.

### 3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	80.0 -95.0 %
2. Additive Package	NA	1.0 -15.0 %

### 4. First Aid Measures

#### Emergency and First Aid Procedures

If swallowed, do not induce vomiting. If inhaled, remove to fresh air. In case of eye contact, flush eyes with water for 15 minutes. In case of skin contact, wash with soap and water. Call physician immediately if adverse reaction occurs.

### 5. Fire Fighting Measures

**Flash Pt:** 390.00 F (198.9 C) Method Used: Cleveland Open Cup

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** No data available.

#### Fire Fighting Instructions

Combustible at high temperatures. Irritating or toxic substances may be emitted upon thermal decomposition. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full face mask and full protection.



# MATERIAL SAFETY DATA SHEET

## Engine Stop Leak

### Flammable Properties and Hazards

No data available.

### Hazardous Combustion Products

No data available.

### Suitable Extinguishing Media

Dry chemical, water fog, carbon dioxide, foam. Exposed material may be cooled with water.

### Unsuitable Extinguishing Media

No data available.

## 6. Accidental Release Measures

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

Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses.

## 7. Handling and Storage

### Precautions To Be Taken in Handling

Keep out of the reach of children.

### Precautions To Be Taken in Storing

Do not store at temperatures above 110 degrees F. Empty containers may contain flammable/combustible or explosive residue or vapors. Do not cut, weld, grind, drill or reuse unless adequate precautions are taken against these hazards.

## 8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	No data.	No data.	No data.
2. Additive Package	NA	No data.	No data.	No data.

### Respiratory Equipment (Specify Type)

Use NIOSH or MSHA approved equipment when airborne exposure limits are exceeded.

### Eye Protection

Chemical safety goggles.

### Protective Gloves

Impervious gloves.

### Other Protective Clothing

Chemical resistant apron or other impervious clothing to avoid contaminating regular clothing which may result in prolonged skin contact.

### Engineering Controls (Ventilation etc.)

Ventilate in accordance with good engineering practices.

### Work/Hygienic/Maintenance Practices

Minimize breathing vapor, mists or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and launder before reuse. Remove contaminated shoes and clean before reuse. If oil soaked, discard. Clean skin thoroughly after all contact. Product is easily removed with waterless hand cleaner followed by soap and water.

## 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid

**Melting Point:** No data.

**Boiling Point:** 625.00 F (329.4 C)



# MATERIAL SAFETY DATA SHEET

## Engine Stop Leak

<b>Autoignition Pt:</b>	No data.
<b>Flash Pt:</b>	390.00 F (198.9 C) Method Used: Cleveland Open Cup
<b>Specific Gravity (Water = 1):</b>	1.05
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.
<b>Vapor Density (vs. Air = 1):</b>	> 1
<b>Evaporation Rate (vs Butyl Acetate=1):</b>	Very Slow
<b>Solubility in Water:</b>	Negligible
<b>Percent Volatile:</b>	No data.
<b>Viscosity:</b>	4350 cP
<b>pH:</b>	10.9

### Appearance and Odor

Light to medium amber oil-type liquid (thickness dependent on viscosity) with a slight oil odor.

## 10. Stability and Reactivity

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

### Conditions To Avoid - Instability

No data available.

### Incompatibility - Materials To Avoid

Contact with strong oxidizers.

### Hazardous Decomposition Or Byproducts

Combustion may produce CO, carbon monoxide and reactive hydrocarbons.

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

### Conditions To Avoid - Hazardous Reactions

No data available.

## 11. Toxicological Information

No data available.

### Chronic Toxicological Effects

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	n.a.	n.a.	n.a.	n.a.
2. Additive Package	NA	n.a.	n.a.	n.a.	n.a.

## 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** Not-Restricted

### MARINE TRANSPORT (IMDG/IMO)

**IMDG/IMO Shipping Name** Not-Restricted



# MATERIAL SAFETY DATA SHEET

## Engine Stop Leak

### Additional Transport Information

No data available.

## 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. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	No	No	No	No
2. Additive Package	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. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	No	No	Inventory	No
2. Additive Package	NA	No	No	No	No

Hazardous Components (Chemical Name)	CAS #	CA TAC, Title 8	MA Oil/HazMat	MI CMR, Part 5	NC TAP
1. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	No	No	No	No
2. Additive Package	NA	No	No	No	No

Hazardous Components (Chemical Name)	CAS #	NJ EHS	NY Part 597	PA HSL	SC TAP
1. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	No	No	No	No
2. Additive Package	NA	No	No	No	No

Hazardous Components (Chemical Name)	CAS #	WI Air
1. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	No
2. Additive Package	NA	No

### International Regulatory Lists

Hazardous Components (Chemical Name)	CAS #	Canadian DSL	Canadian NDSL	Taiwan TCSCA
1. Distillates (petroleum), Hydrotreated heavy paraffinic	64742-54-7	Yes	No	No
2. Additive Package	NA	No	No	No

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

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

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

<b>Inventory:</b>	Chemical Listed in the TSCA Inventory.
<b>5A(2):</b>	Chemical Subject to Significant New Rules (SNURS)
<b>6A:</b>	Commercial Chemical Control Rules
<b>8A:</b>	Toxic Substances Subject To Information Rules on Production
<b>8A CAIR:</b>	Comprehensive Assessment Information Rules - (CAIR)
<b>8A PAIR:</b>	Preliminary Assessment Information Rules - (PAIR)



# MATERIAL SAFETY DATA SHEET

## Engine Stop Leak

Page: 5

Revision: 01/30/2012

Supersedes Revision: 10/20/2010

<b>8C:</b>	Records of Allegations of Significant Adverse Reactions
<b>8D:</b>	Health and Safety Data Reporting Rules
<b>8D TERM:</b>	Health and Safety Data Reporting Rule Terminations
<b>12(b):</b>	Notice of Export

### Other Important Lists:

<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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