



# MATERIAL SAFETY DATA SHEET

## Break Away Fast Penetrating Oil, 1 Gallon Pail, 55 Gallon Drum

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

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	1
<b>REACTIVITY</b>	0
<b>PPE</b>	

Revision: 01/27/2012  
Supersedes Revision: 12/29/2010  
Date Created: 12/29/2010

### 1. Product and Company Identification

<b>Product Code:</b>	C-13, C-15
<b>Product Name:</b>	Break Away Fast Penetrating Oil, 1 Gallon Pail, 55 Gallon Drum
<b>Manufacturer Information</b>	
<b>Company Name:</b>	CYCLO INDUSTRIES, INC.
<b>Phone Number:</b>	(800)843-7813
<b>Fax Number:</b>	(561)745-3867
<b>Emergency Contact:</b>	First Aid Emergency (800)222-1222
<b>Alternate Emergency Contact:</b>	Chemtrec (703) 527-3887 (800)424-9300
<b>Information:</b>	First Aid Emergency (Outside U.S.) (312)906-6194
<b>Web site address:</b>	www.cyclo.com
<b>Email address:</b>	ehs@cyclo.com

### 2. Hazards Identification

#### Emergency Overview

DANGER: Harmful or fatal if swallowed. Eye & skin irritant.

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

No data available.

#### Signs and Symptoms Of Exposure

Eyes: Contact with eyes may cause irritation.

Skin: Prolonged contact with liquid may cause slight temporary irritation.

Inhalation: Prolonged inhalation may be harmful. Inhaling large quantities of mist or vapors may cause some irritation to nose, throat, lungs. Avoid breathing mists from this product.

Ingestion: Aspiration hazard.

#### Medical Conditions Generally Aggravated By Exposure

No data available.

### 3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	70.0 -90.0 %
2. Hydrotreated Distillate	64742-46-7	20.0 -30.0 %

### 4. First Aid Measures

#### Emergency and First Aid Procedures

If swallowed, do not induce vomiting. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of eye contact, immediately flush eyes with plenty of water. Holding eyelids open, flush eyes with running water for 5 minutes. Remove contact lenses if wearing and flush open eyes with running water for at least 15 minutes. In case of skin contact, wash with soap and large amounts of water. Remove contaminated clothing and launder before reuse. Call physician immediately if adverse reaction occurs.



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### 5. Fire Fighting Measures

**Flash Pt:** > 200.00 F (93.3 C)  
**Explosive Limits:** LEL: .7 UEL: 9.4  
**Autoignition Pt:** NE

#### Fire Fighting Instructions

Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

#### Flammable Properties and Hazards

No data available.

#### Hazardous Combustion Products

No data available.

#### Suitable Extinguishing Media

Alcohol foam, CO<sub>2</sub>, dry chemical, foam.

#### Unsuitable Extinguishing Media

No data available.

### 6. Accidental Release Measures

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

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways.

### 7. Handling and Storage

#### Precautions To Be Taken in Handling

Wash thoroughly after handling. Keep out of the reach of children.

#### Precautions To Be Taken in Storing

Keep from freezing. Keep container closed when not in use.

### 8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No data.	No data.	No data.
2. Hydrotreated Distillate	64742-46-7	No data.	No data.	No data.

#### Respiratory Equipment (Specify Type)

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

#### Eye Protection

Safety glasses with side shields (or goggles) and a face shield.

#### Protective Gloves

Impervious gloves.

#### Other Protective Clothing

Impervious protective clothing including boots, gloves, protective apron or coveralls to prevent skin contact.

#### Engineering Controls (Ventilation etc.)

Good general ventilation should be sufficient to control airborne levels.

#### Work/Hygienic/Maintenance Practices

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.



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**9. Physical and Chemical Properties**

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid  
**Melting Point:** No data.  
**Boiling Point:** 309.00 F (153.9 C) - 563.00 F (295.0 C)  
**Autoignition Pt:** NE  
**Flash Pt:** > 200.00 F (93.3 C)  
**Explosive Limits:** LEL: .7 UEL: 9.4  
**Specific Gravity (Water = 1):** 0.8561  
**Vapor Pressure (vs. Air or mm Hg):** No data.  
**Vapor Density (vs. Air = 1):** No data.  
**Evaporation Rate (vs Butyl Acetate=1):** No data.  
**Solubility in Water:** No data.  
**Percent Volatile:** 13.37 % by weight.  
**VOC / Volume:** 1.7000 LB/GA

**Appearance and Odor**

Light amber brown liquid with solvent odor.

**10. Stability and Reactivity**

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

**Conditions To Avoid - Instability**

Open flames and high temperatures, contact with strong oxidizing agents, all sources of ignition, welding arcs and open flames.

**Incompatibility - Materials To Avoid**

Strong oxidizers.

**Hazardous Decomposition Or Byproducts**

Oxides of carbon, phosphorous, sulfur and smoke. Smoke, oxides of carbon and oxides of nitrogen, phosphorous, and/or sulfur are possible.

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

**Conditions To Avoid - Hazardous Reactions**

No data available.

**11. Toxicological Information**

LD50: >5000 mg/kg

LC50: 4600 ppm

**Chronic Toxicological Effects**

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	n.a.	n.a.	n.a.	n.a.
2. Hydrotreated Distillate	64742-46-7	n.a.	n.a.	n.a.	n.a.

**12. Ecological Information**

No data available.



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### 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

**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. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	No	No
2. Hydrotreated Distillate	64742-46-7	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. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	Inventory	No
2. Hydrotreated Distillate	64742-46-7	No	No	Inventory	No

Hazardous Components (Chemical Name)	CAS #	CA TAC, Title 8	MA Oil/HazMat	MI CMR, Part 5	NC TAP
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	No	No
2. Hydrotreated Distillate	64742-46-7	No	No	No	No

Hazardous Components (Chemical Name)	CAS #	NJ EHS	NY Part 597	PA HSL	SC TAP
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No	No	No	No
2. Hydrotreated Distillate	64742-46-7	No	No	No	No

Hazardous Components (Chemical Name)	CAS #	WI Air
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	No
2. Hydrotreated Distillate	64742-46-7	No

**International Regulatory Lists**

Hazardous Components (Chemical Name)	CAS #	Canadian DSL	Canadian NDSL	Taiwan TCSCA
1. Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	Yes	No	No
2. Hydrotreated Distillate	64742-46-7	Yes	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



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### 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)
<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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